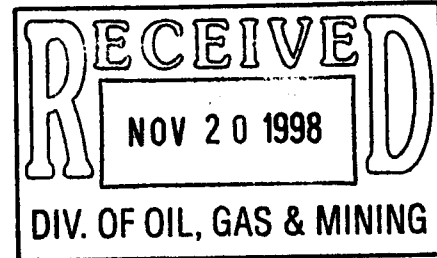


| | | | | | | |
|------------------------------|-------------------------|------------------------|-----------------|-----------------------|---------------|-----------------|
| REMARKS | WELL LOG | ELECTRIC LOGS | FILE X | WATER SANDS | LOCATION INSP | SUB REPORT/abd |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| DATE FILED | NOVEMBER 20, 1998 | | | | | |
| LAND FEE & PATENTED | STATE LEASE NO ML-21839 | | PUBLIC LEASE NO | | INDIAN | |
| DRILLING APPROVED: | JANUARY 10, 2000 | | | | | |
| SPUDDED IN: | | | | | | |
| COMPLETED: PUT TO PRODUCING: | | | | | | |
| INITIAL PRODUCTION | | | | | | |
| GRAVITY API | | | | | | |
| GOR | | | | | | |
| PRODUCING ZONES | | | | | | |
| TOTAL DEPTH | | | | | | |
| WELL ELEVATION | | | | | | |
| DATE ABANDONED | | | | | | |
| FIELD | MONUMENT BUTTE | | | | | |
| UNIT | | | | | | |
| COUNTY | DUCHESNE | | | | | |
| WELL NO. | S WELLS DRAW 11-2-9-16 | | | API NO. 43-013-32125 | | |
| LOCATION | 1980 FSL | FT. FROM (N) (S) LINE, | 1967 FWL | FT. FROM (E) (W) LINE | NE SW | 1/4 - 1/4 SEC 2 |

| TWP | RGE | SEC | OPERATOR | TWP | RGE | SEC | OPERATOR |
|-----|-----|-----|----------|-----|------|-----|-----------------------|
| | | | | 9 S | 16 E | 2 | INLAND PRODUCTION COM |

November 17, 1998



State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801

ATTENTION: Lisha Cordova

**RE: S. Wells Draw #5-2-9-16
SW/NW Sec. 2, T9S, R16E
Duchesne County, Utah**

**S. Wells Draw #11-2-9-16
NE/SW Sec. 2, T9S R16E
Duchesne County, Utah**

**S. Wells Draw #12-2-9-16
NW/SW Sec. 2, T9S, R16E
Duchesne County, Utah**

**S. Wells Draw #13-2-9-16
SW/SW Sec. 2, T9S, R16E
Duchesne County, Utah**

**S. Wells Draw #14-2-9-16
SE/SW Sec. 2, T9S, R16E
Duchesne County, Utah**


Dear Lisha,

Enclosed are the originals and two (2) copies each of the Application For Permit To Drill, for the above referenced locations. Included is a copy of the Cultural Resource Evaluation.

You may contact me at (435) 789-1866 in order to schedule an onsite date or Brad Mecham in the Pleasant Valley Field Office (435) 646-3721.

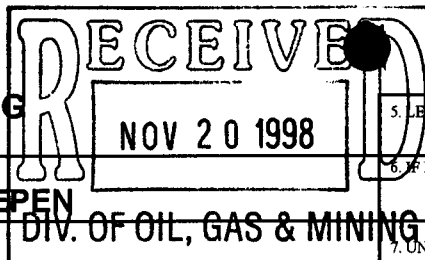
Please do not hesitate to call me if you have any questions, or need additional information.

Sincerely,


Cheryl Cameron
Regulatory Specialist

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



5. LEASE DESIGNATION AND SERIAL NO.

ML-21839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK

DRILL

☒ DEEPEN

1b. TYPE OF WELL

OIL

☒

GAS

☐

OTHER

☐

SINGLE

ZONE

MULTIPLE

ZONE

☐

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

S. Wells Draw

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS AND TELEPHONE NUMBER:

P.O. Box 790233 Vernal, UT 84079

Phone: (435) 789-1866

4. LOCATION OF WELL (FOOTAGE)

At Surface

NE/SW

At proposed Producing Zone

1980' FSL & 1967' FWL

604

600

579756.10
4434390.89

9. WELL NO.

#11-2-9-16

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

NE/SW

Sec. 2, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16.1 Miles southwest of Myton, Utah

12. County

Duchesne

13. STATE

UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

1967'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5515.8' GR

22. APPROX. DATE WORK WILL START*

1st Quarter 1999

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-------------|---------------|---------------------------|
| 12 1/4 | 8 5/8 | 24# | 300' | 120 sx |
| 7 7/8 | 5 1/2 | 15.5# | TD | 400 sx followed by 330 sx |
| | | | | See Detail Below |

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4# Flocele/sk

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 gal/sk

LONG STRING - Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 gal/sk

24.

Name & Signature

Cheryl Cameron

Title:

Regulatory Specialist

Date:

11/9/98

(This space for State use only)

API Number Assigned:

43-013-32125

APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

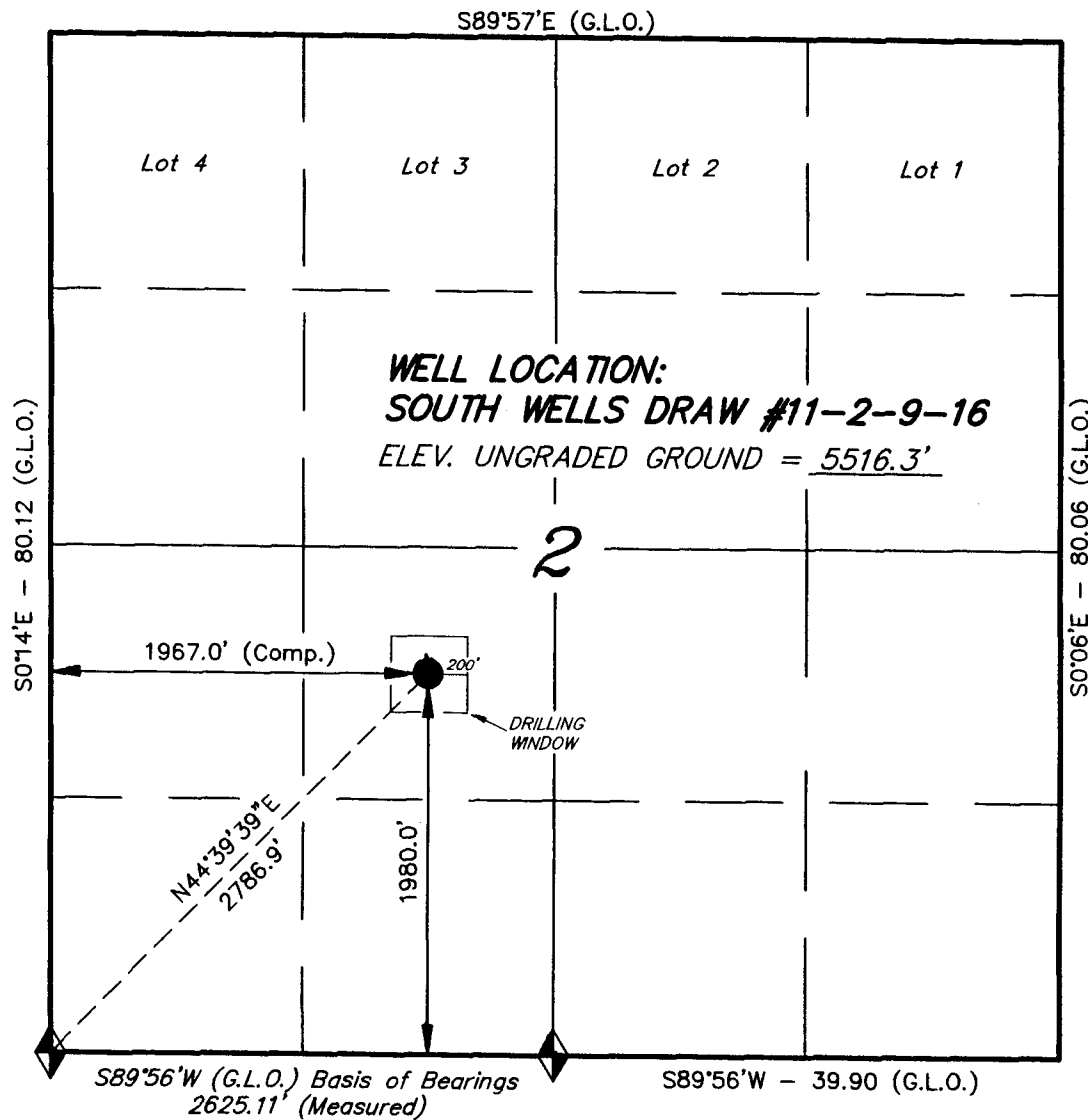
By:

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, SOUTH WELLS DRAW
#11-2-9-16, LOCATED AS SHOWN IN THE
NE 1/4 SW 1/4 OF SECTION 2, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF

RECORDED
GENE
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 144102
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-31-98

WEATHER: FAIR

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

**INLAND PRODUCTION COMPANY
S. WELLS DRAW #11-2-9-16
NE/SW SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|------------|
| Uinta | 0' - 1550' |
| Green River | 1550' |
| Wasatch | 6500' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1550' - 6500' - Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)

5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

MUD TYPE

Surface - 320'

Air

320' - 4200'

Air/Mist & Foam

4200' - TD

The well will be drilled with fresh water through the Green River Formation @ 4200' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' \pm , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' \pm . The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 1999, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
S. WELLS DRAW #11-2-9-16
NE/SW SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site S. Wells Draw #11-2-9-16 located in the NE ¼ SW ¼ Section 2, T9S, R16E, S.L.B. & M. Uintah County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 10.9 miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road - 3.6 miles to the beginning of the proposed access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 0.2 miles of access road is proposed.
See Topographic Map "B".

The proposed access road will be an 18" crown road (9" either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

See Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District (a public water source) to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the S. Wells Draw #11-2-9-16. A temporary line may be used for water transportation from our existing supply line, from Johnson Water District, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E), or other taps which may be installed on Inland's water system in the future. The system being tapped will have prior approval by the AO. See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (90' X 40' X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride chromate's, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the south between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the north between stakes 2 & 8.

Access to the well pad will be from the west between stakes 7 & 8.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per State of Utah, and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP – State of Utah

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the S. Wells Draw #11-2-9-16, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the S. Wells Draw #11-2-9-16 we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the State office at (435) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, UT 84079
Telephone: (435) 789-1866


Certification

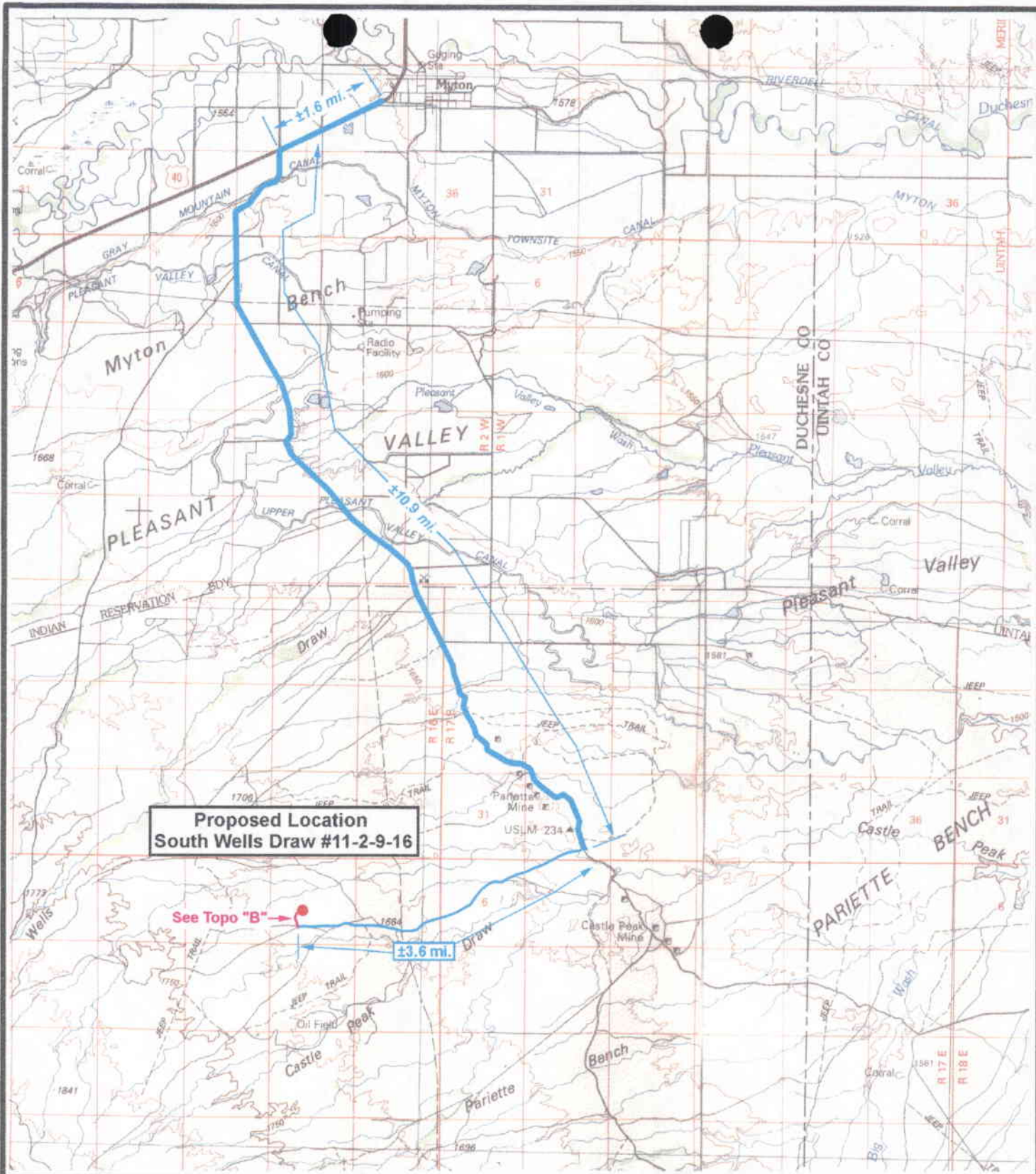
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #11-2-9-16 Section 2, Township 9S, Range 16E: Lease #ML-21839 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/9/98

Date


Cheryl Cameron
Regulatory Specialist



**Proposed Location
South Wells Draw #11-2-9-16**

See Topo "B" →

1.6 mi.
10.9 mi.
3.6 mi.



**SOUTH WELLS DRAW #11-2-9-16
SEC. 2, T9S, R16E, S.L.B.&M.
TOPOGRAPHIC MAP "A"**



Drawn By: SS

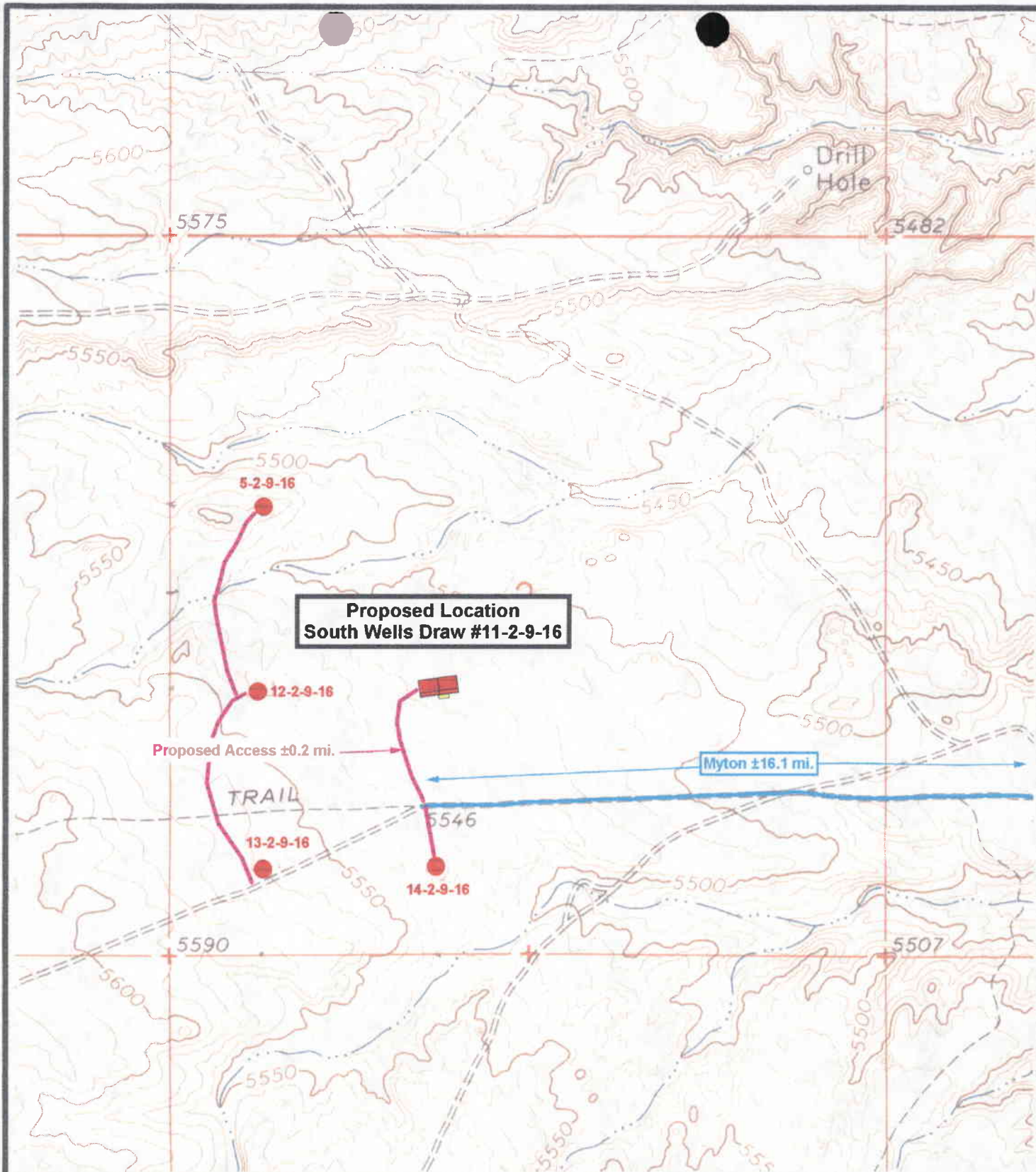
Revision:

Scale: 1 : 100,000

File:

Date: 10/30/98

**Tri-State Land Surveying Inc.
P.O. Box 533, Vernal, UT 84078
435-781-2501 Fax 434-781-2518**



SOUTH WELLS DRAW #11-2-9-16
SEC. 2, T9S, R16E, S.L.B.&M.
TOPOGRAPHIC MAP "B"



Drawn By: SS

Revision:

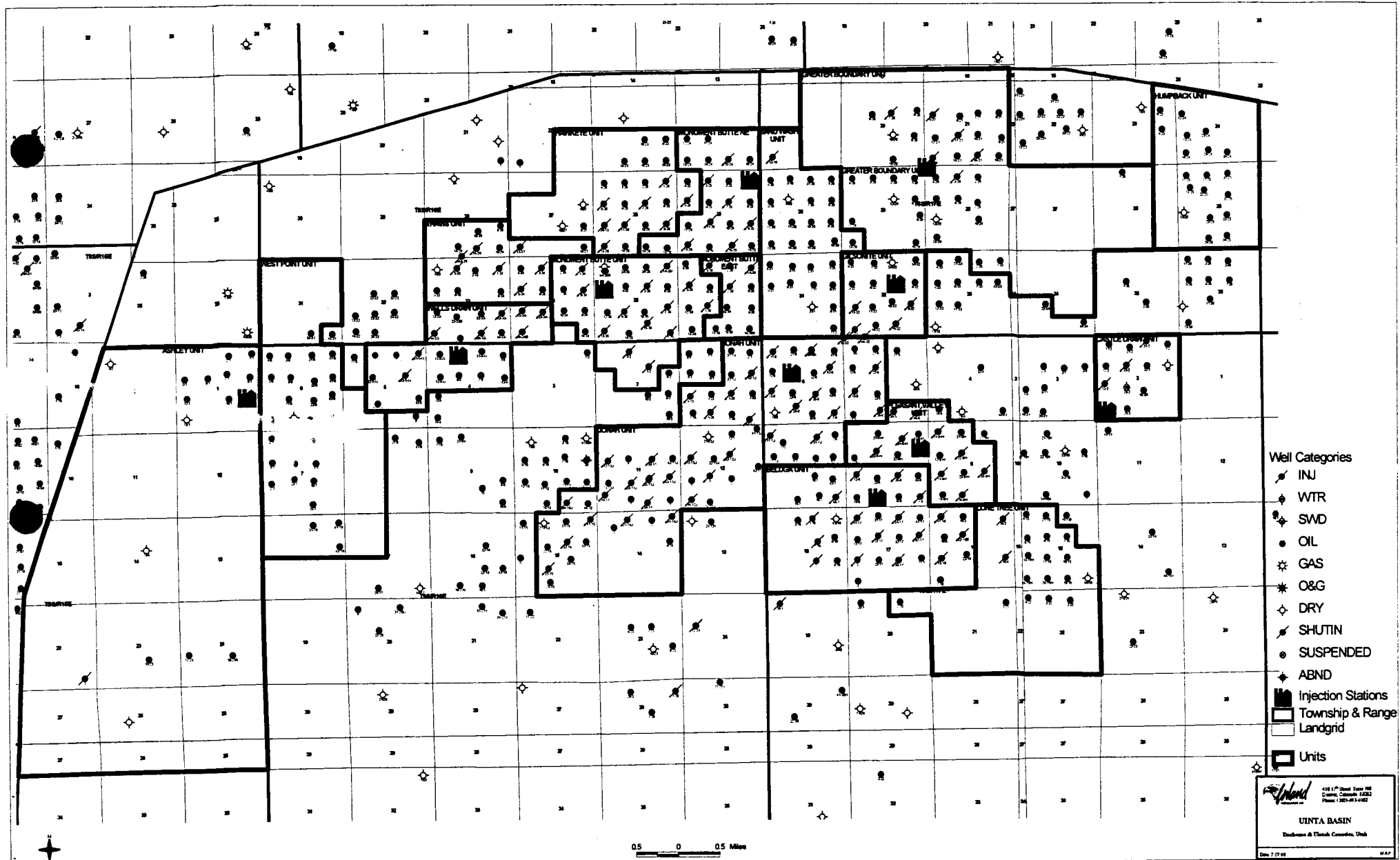
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File:

Date: 10/30/98

Tri-State Land Surveying Inc.
P.O. Box 533, Vernal, UT 84078
435-781-2501 Fax 434-781-2518

EXHIBIT "C"



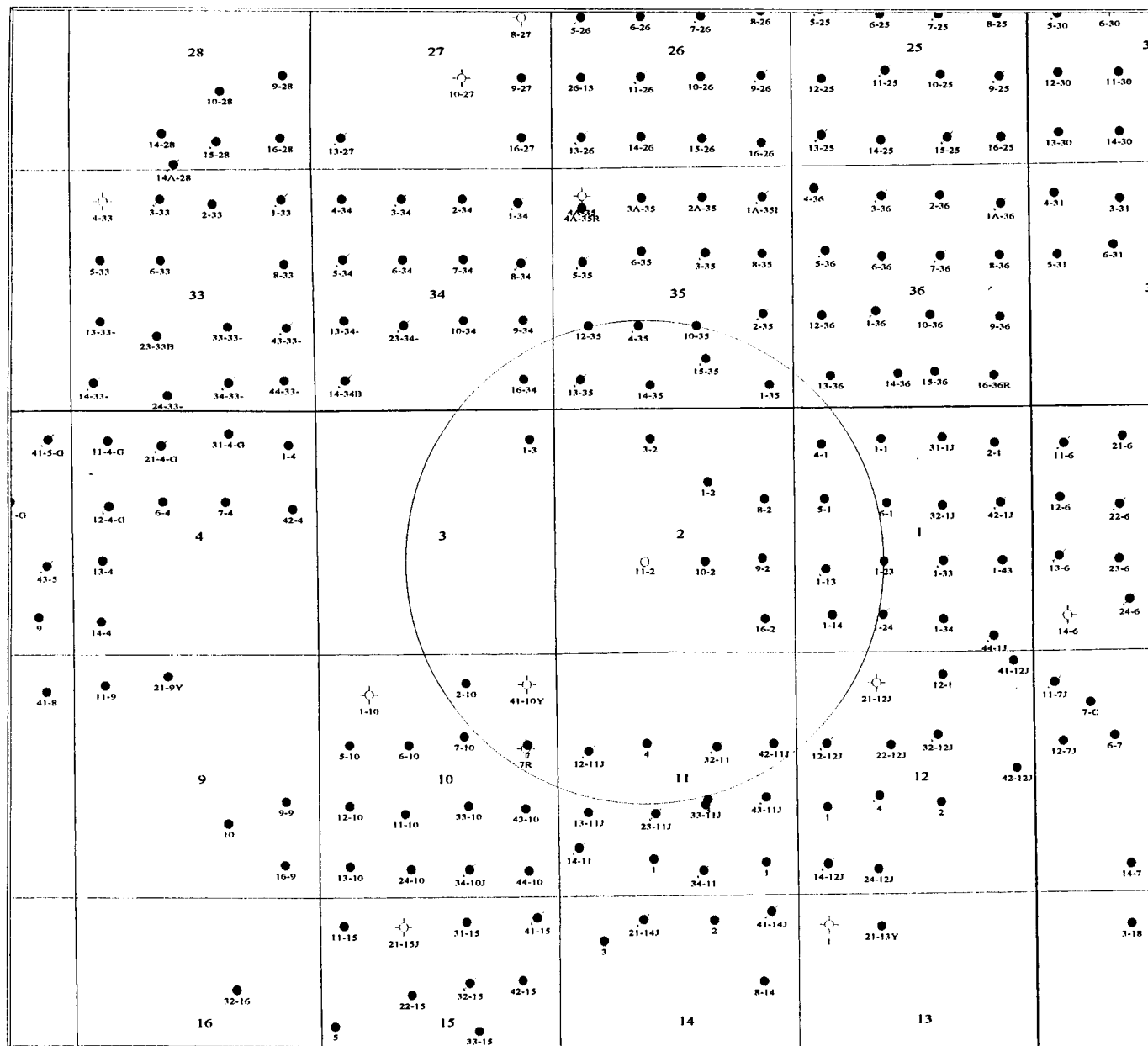


EXHIBIT "D"

INLAND PRODUCTION COMPANY

ONE MILE RADIUS
South Wells Draw #11-2-9-16

Jack Aschman

Scale 1:42547.14

10/19/98

INLAND PRODUCTION COMPANY

SOUTH WELLS DRAW #11-2-9-16
SEC. 2, T9S, R16E, S.L.B.&M.

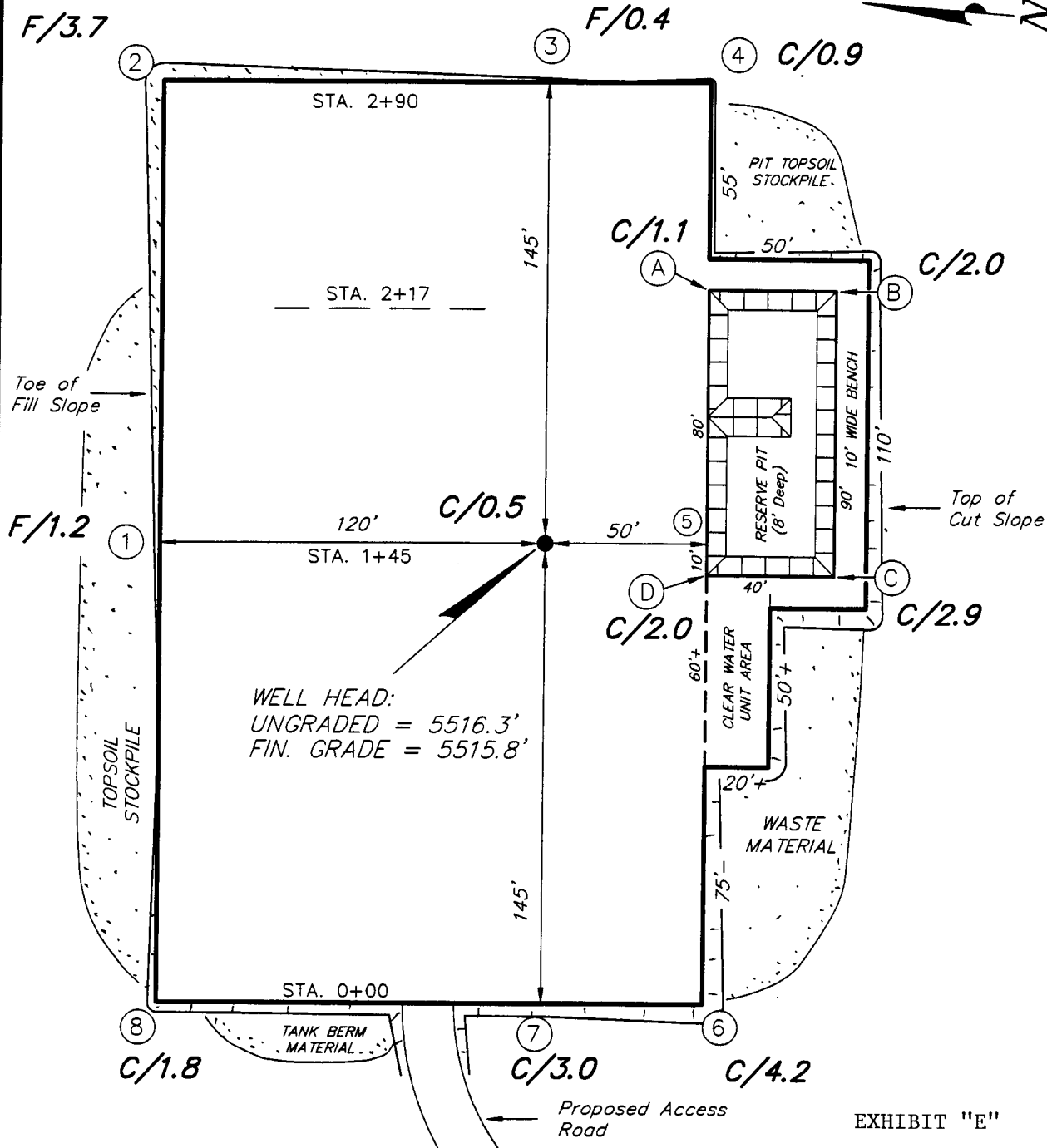
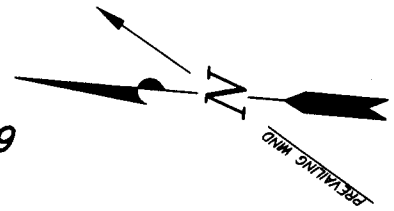


EXHIBIT "E"

REFERENCE POINTS

170' NORTH = 5514.5'
 220' NORTH = 5513.8'
 195' EAST = 5517.1'
 245' EAST = 5518.1'

SURVEYED BY: S.S.

DRAWN BY: J.R.S.

DATE: 10-31-98

SCALE: 1" = 50'

REVISIONS:

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

CROSS SECTIONS

SOUTH WELLS DRAW #11-2-9-16

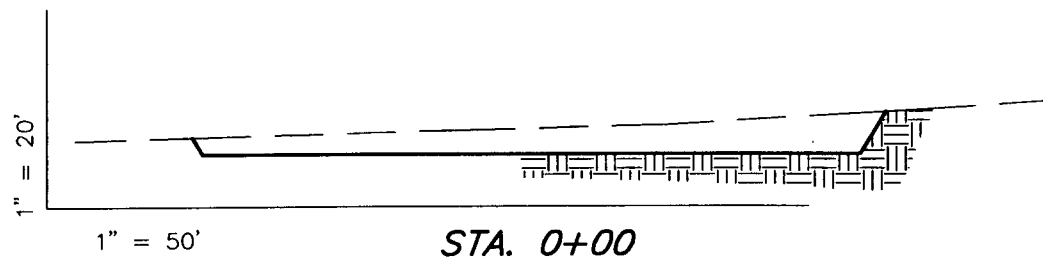
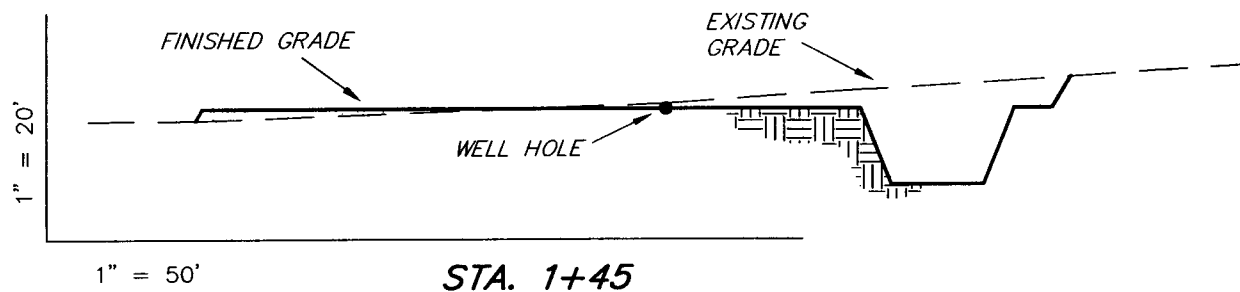
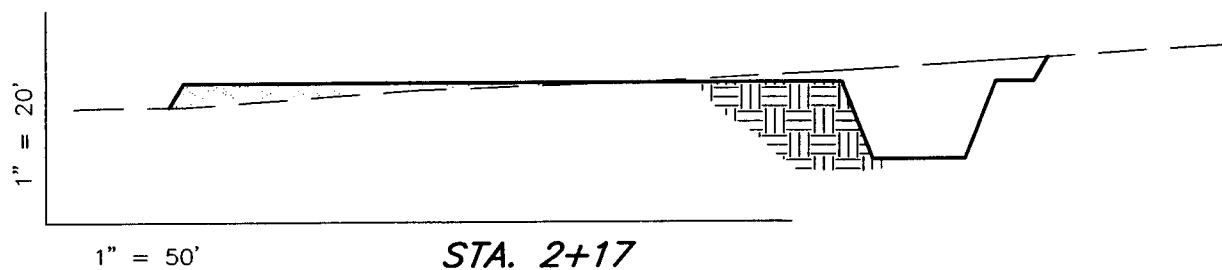
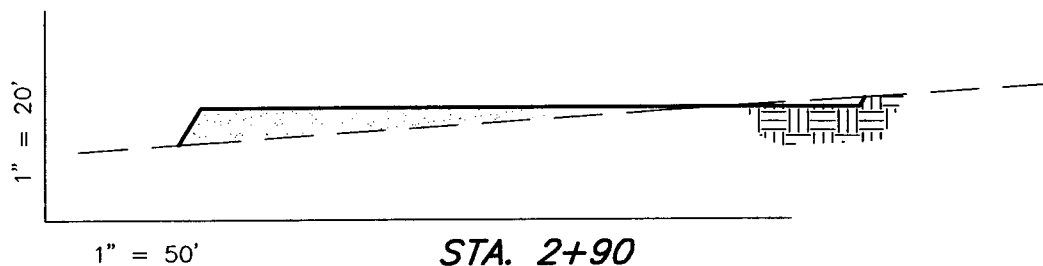


EXHIBIT "E-1"

APPROXIMATE YARDAGES

CUT = 1,210 Cu. Yds.

FILL = 1,200 Cu. Yds.

PIT = 920 Cu. Yds.

6" TOPSOIL = 1,030 Cu. Yds.

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

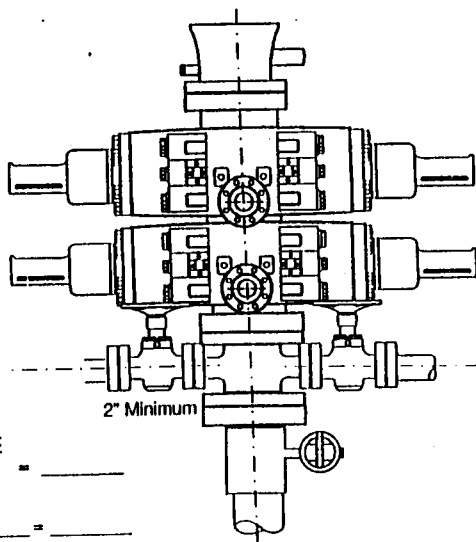
2-M SYSTEM

RAM TYPE B.O.P.

Make:

Size:

Model:



GAL TO CLOSE

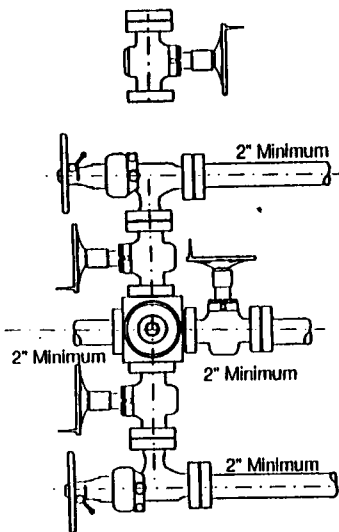
Annular BOP 23 _____

Ramtype BOP

Rams x _____ = _____

Gal.

_____ x 2 = _____ Total Gal.



Rounding off to the next higher

increment of 10 gal. would require

____ Gal. (total fluid & nitro volume)



RECEIVED

DEC 20 1999

DIVISION OF OIL, GAS & MINING

December 16, 1999


Ms. Lisha Cordova
Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Archeological Reports for Inland Resources Proposed Well Locations: South Wells Draw 11-2-9-16, South Wells Draw 12-2-9-16, South Wells Draw 13-2-9-16, South Wells Draw 14-2-9-16, Castle Draw 9-2-2-17, Castle Draw 15-2-9-17, Castle Draw 16-2-9-17.

Dear Lisha:

Please find enclosed the Archeological Reports for the above-referenced proposed well locations. Feel free to give me a call if you have any questions or need additional information.

Respectfully,


Jon D. Holst
Counsel

Enc.

CULTURAL RESOURCE EVALUATION OF 16 PROPOSED INLAND UNITS IN THE SOUTH WELLS DRAW -- CASTLE PEAK DRAW -- PARIETTE BENCH LOCALITIES OF UINTAH & DUCHESNE COUNTIES, UTAH

Report Prepared for Inland Resources, Inc.

**Units 6-10(9-16), 13-10(9-16), 7-36(8-17), 11-36(8-17), 1-35(8-17), 7-35(8-17), 9-35(8-17)
9-2(9-17), 15-2(9-17), 16-2(9-17), 1-11(9-17), 2-11(9-17), 3-11(9-17), 6-11(9-17), 7-11(9-17),
& 8-11(9-17)**

Department of Interior Permit No.: UT-98-54937

Utah State Project No.: UT-98-AF-0166bs

AERC Project 1597 (CNG98-3B)

Author of the Report:

F. Richard Hauck



ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION

181 North 200 West, Suite 5 -- Bountiful, Utah 84010

P.O. Box 853, Bountiful, Utah 84011

Phone: (801) 292-7061, 292-9668

FAX: (801) 292-0614

E-mail: ari@xmission.com Web page: www.ari-aerc.org

April 20, 1998

Abstract

An intensive cultural resource examination has been conducted for Inland Resources, Inc. of 16 potential well pad locations (6-10, 13-10, 7-36, 11-36, 1-35, 7-35, 9-35, 9-2, 15-2, 16-2, 1-11, 2-11, 3-11, 6-11, 7-11, 8-11), additional bulk acreage in Sections 2 & 11 (Township 9 South, Range 17 East), and associated access routes all situated in the South Wells Draw Unit and Pariette Bench -- Castle Peak Draw localities of Duchesne and Uintah Counties, Utah (see Maps 1 through 5). The purpose of this report is to detail the result of these evaluations, portions of which were conducted at earlier dates. A total of 873.33 acres was examined for cultural resource presence. This acreage includes 855 acres of parcel and bulk area survey and 18.33 acres of 100 foot-wide access route corridors. Eleven of the proposed development areas associated with these well locations are situated on federal lands (756.4 acres) administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah. The remaining five locations (116.93 acres) are situated on Utah State lands.

Field examinations were conducted between March 17 and April 9, 1998. AERC archaeologists Brian Mueller, Marcel Corbeil, Kris Kunkel, Alan Hutchinson, Stance Hurst, Richard Francisco, Tammy Gibson, and Christy Gobber conducted the field survey program under the direction of Glade Hadden, and/or F.R. Hauck.

Sites 42DC 1146 and 42DC 1148 are situated in the proximity of Units 6-10 and 13-10 in Section 10 of Township 9 South, Range 16 East. Sites 42Un 1330, 42UN 2528, 42UN 2529, and 42Un 2530 are situated in the proximity of Units 16-2 and 1-11 in Sections 2 and 11 of Township 9 South, Range 17 East; these six cultural resources will not be endangered by the development of these well locations, however, the access route into Unit 1-11 will need to be carefully designed to avoid nearby cultural resource sites 42UN 2528, 42UN 2529, and 42UN 1330.

In addition, construction on Unit 1-11 should be restricted to the south side of the drainage that forms the southern and eastern periphery of Site 42UN 1330 in order to facilitate the preservation of that resource situated on the northeastern periphery of Section 11, Township 9 South, Range 17 East.

Sites 42UN 2526 and 42UN 2527 are respectively adjacent to Units 11-36 and 7-36 in Section 36, Township 8 South, Range 17 East. Site 42UN 2526 is a significant, open occupation and avoidance by moving the pad's staked location 100 feet to the southwest is recommended to ensure site preservation. AERC also recommends that the northern and eastern peripheries of the relocated well pad be fenced to facilitate the continued preservation of the site from random vehicle traffic originating on the well pad location. Site 42UN 2527 is not considered to be a significant resource; it has neither depth potential nor contextual integrity, and thus lacks potential for inclusion on the National Register of Historic Places. AERC does not recommend avoidance of this cultural locus.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by well location development and access/pipeline route corridor development within the acreage cleared and reported within this document with adherence to these recommendations.

AERC recommends project clearance based on adherence to the stipulations noted above and repeated in the final section of this report.

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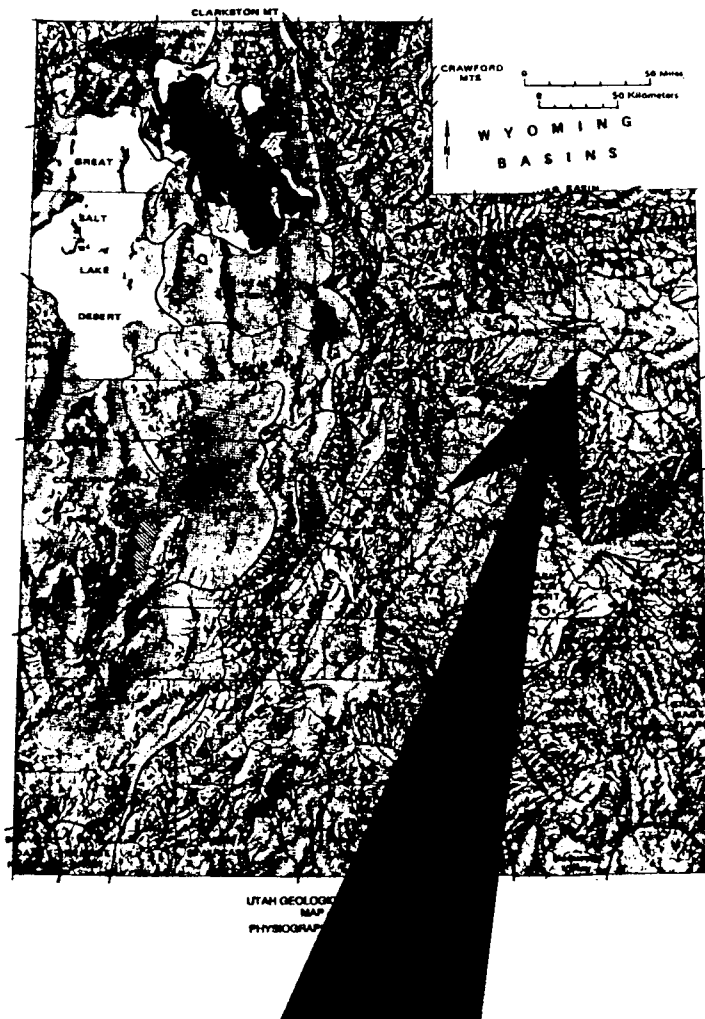
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MAP 1
PROJECT AREA FOR THE INLAND
1998 DEVELOPMENT
PROGRAM



PROJECT: IPC98-3B
SCALE: 1: 200,650
DATE: 4/ 15/ 98



PROJECT AREA

TOWNSHIP: multiple
RANGE: multiple
MERIDIAN: multiple

Utah Geological and Mineral Survey
 Map 43 1977

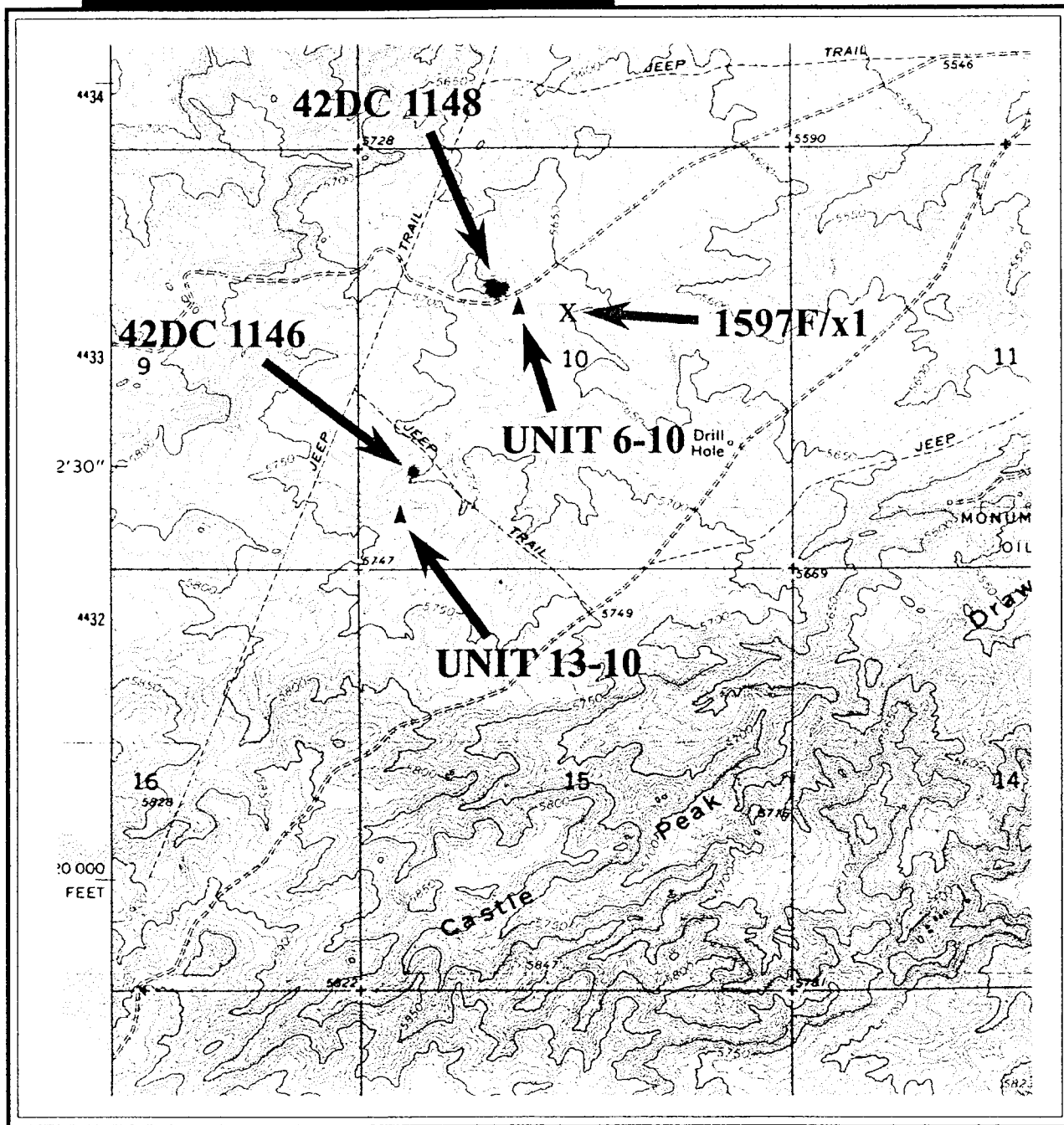
Physiographic Subdivisions of Utah
 by W.L. Stokes



MAP 2
CULTURAL RESOURCE SURVEY
OF INLAND UNITS 6-10 & 13-10
IN THE SOUTH WELLS DRAW UNIT
OF DUCHESNE CO., UTAH



PROJECT: IPC98-3B
SCALE: 1:24,000
QUAD: Myton SW
DATE: April 15, 1998



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: SL B. & M.

LEGEND



WELL LOCATION



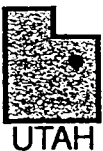
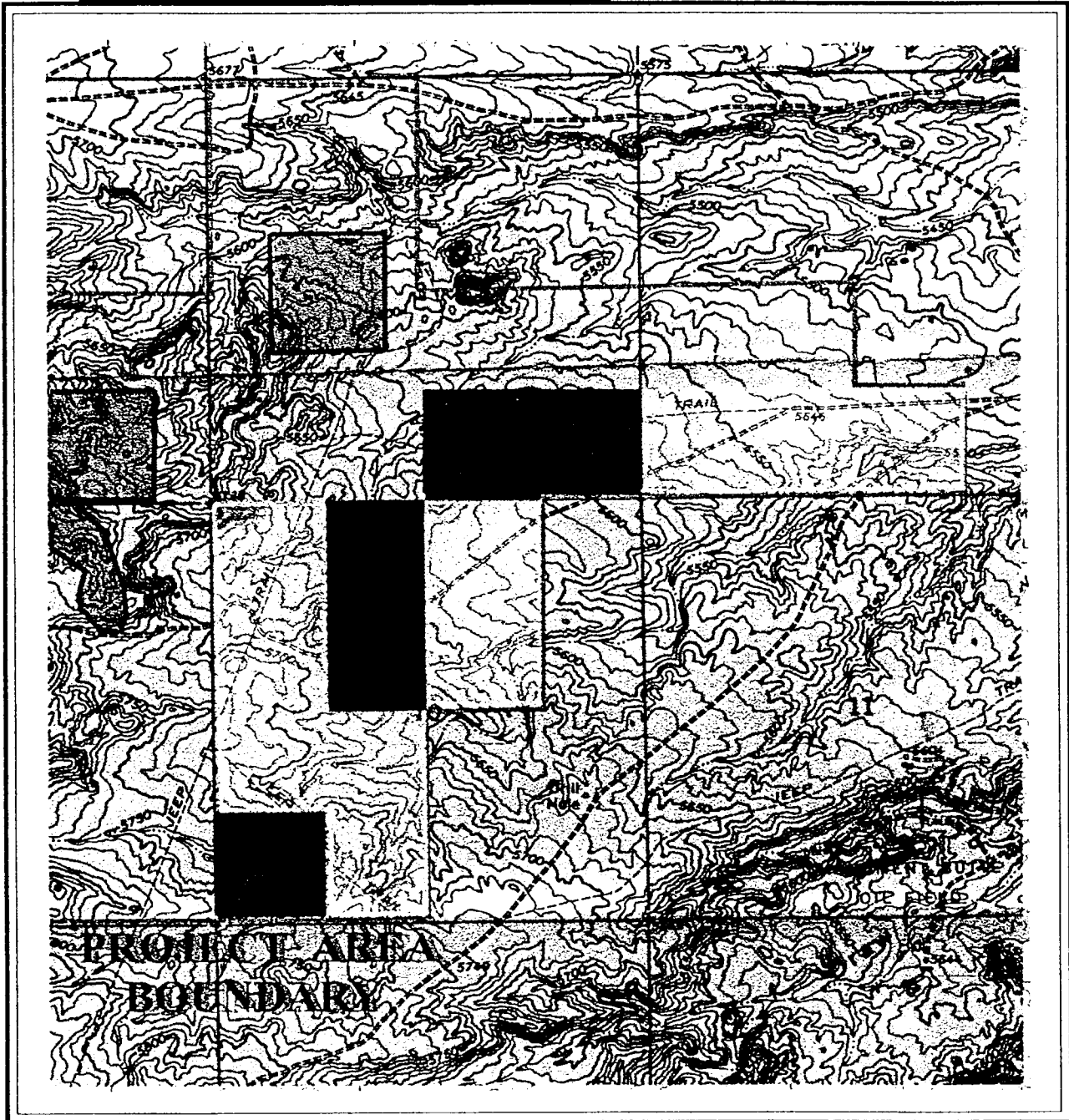
CULTURAL SITE
X ISOLATED ARTIFACT



MAP 3
CULTURAL RESOURCE SURVEY
OF INLAND UNITS 6-10 & 13-10
IN THE SOUTH WELLS DRAW UNIT
OF DUCHESNE CO., UTAH



PROJECT: IPC98-3B
SCALE: 1:24,000
QUAD: Myton SW
DATE: April 15, 1998



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: SL B. & M.

LEGEND



WELL
LOCATION



CULTURAL
SITE



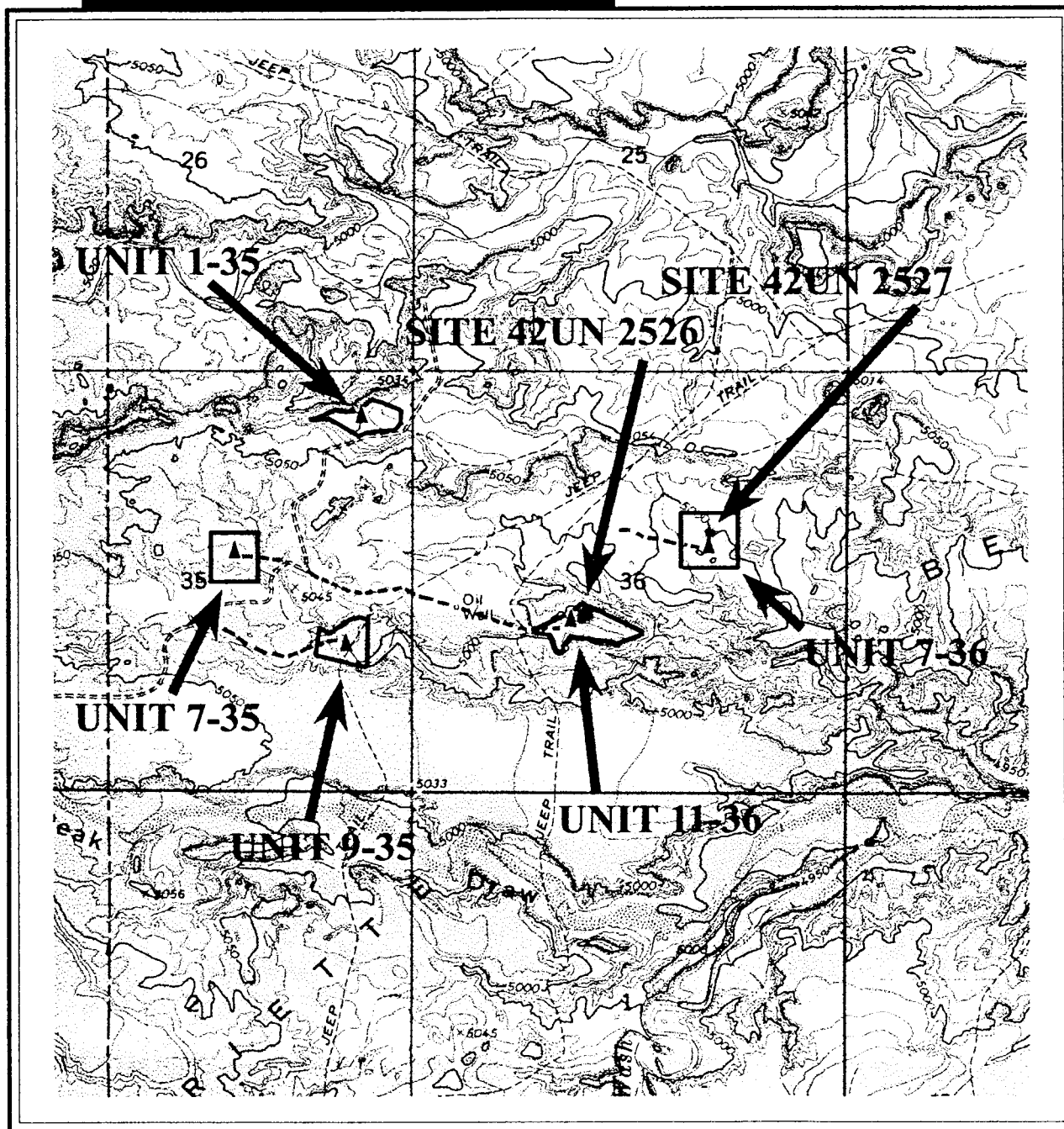
ISOLATED
ARTIFACT



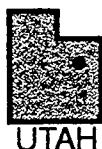
MAP 3
CULTURAL RESOURCE SURVEY
OF INLAND UNITS 7-36, 11-36, 1-35,
7-35, & 9-35 IN THE PARIETTE BENCH
LOCALITY OF UTAH COUNTY, UTAH



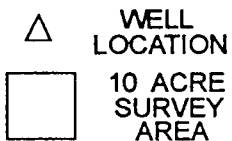
PROJECT: IPC98-3B
SCALE: 1:24,000
QUAD: Pariette Draw SW
DATE: April 15, 1998



LEGEND



TOWNSHIP: 8 South
RANGE: 17 East
MERIDIAN: SL B. & M.

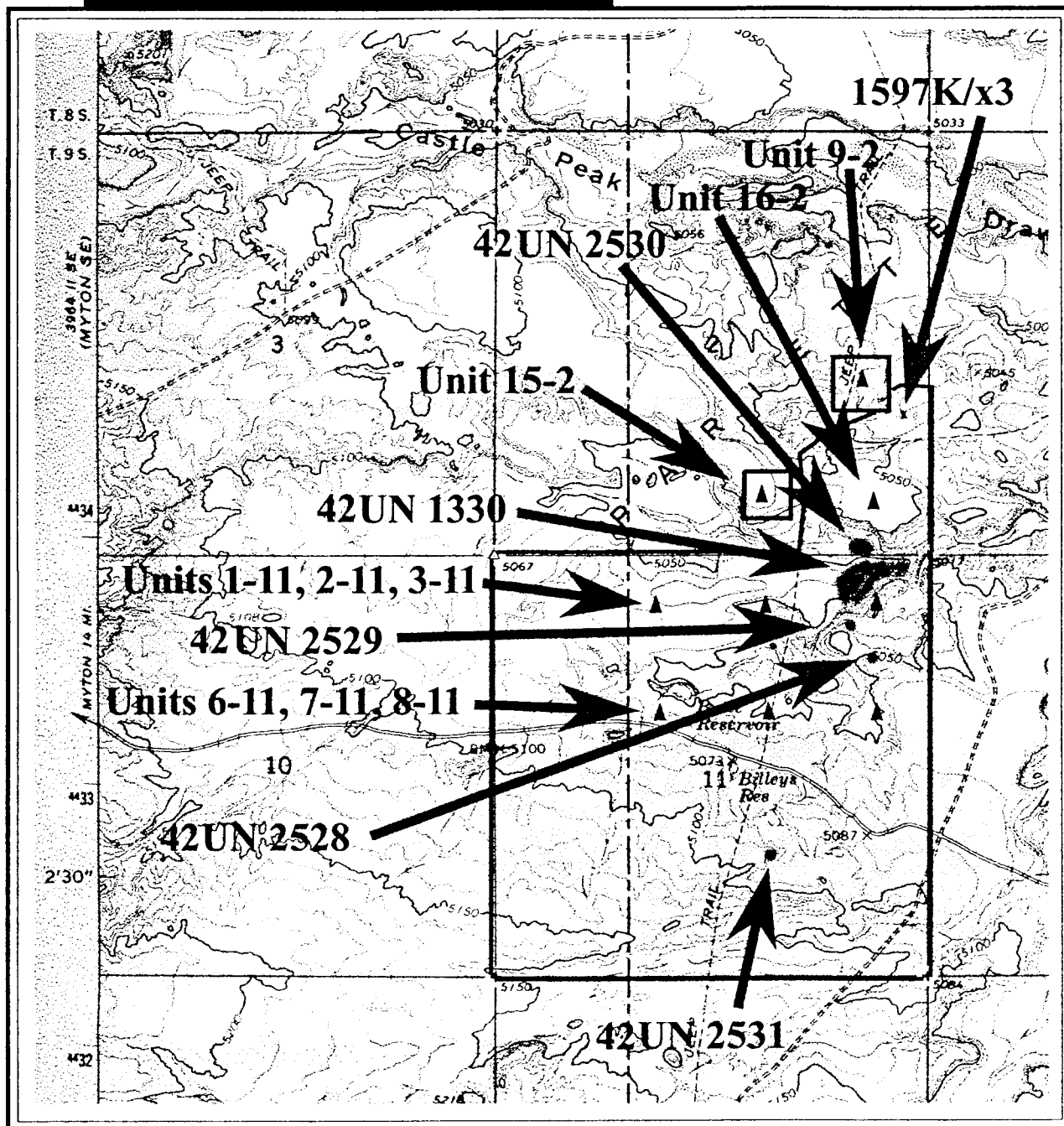




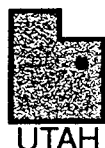
MAP 5
CULTURAL RESOURCE SURVEY
OF INLAND UNITS 9-2, 15-2, 16-2, 1-11,
2-11, 3-11, 6-11, 7-11, 8-11
IN THE CASTLE PEAK DRAW
LOCALITY OF UTAH COUNTY, UTAH



PROJECT: IPC98-3B
SCALE: 1:24,000
QUAD: Pariette Draw SW
DATE: April 15, 1998



LEGEND



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: SL B. & M.



10 ACRE
SURVEY
AREA



WELL
LOCATION



BULK SURVEY
AREA

CULTURAL
SITE

X ISOLATED
ARTIFACT

Unit 6-10 — A 40 acre area was evaluated in association with the SE 1/4 of the NW 1/4 of Section 10, Township 9 South, Range 16 East (see Map 3) as reported in Hauck and Hadden 1997.

Unit 13-10 — A 40 acre area was evaluated in association with the SW 1/4 of the SW 1/4 of Section 10, Township 9 South, Range 16 East (see Map 3) as reported in Hauck and Hadden 1997.

Pariette Bench Locations (see Map 4) The inventory in this locality included ten acre surveys at five separate well sites including four access route corridor evaluations. Units 7-36 and 11-36, which are situated on Utah State land, were initially reported in January of this year (c.f., Hauck 1998a); the recording of the sites associated with these two well pads was postponed until March due to weather conditions.

Unit 1-35 — AERC archaeologists evaluated a 10 acre area adjacent to this present center stake upon the top of the mesa where this location is staked. Unit 1-35 is situated adjacent to an existing roadway in the NE 1/4 of the NE 1/4 of Section 35, Township 8 South, Range 17 East.

Unit 7-35 — A 10 acre area was examined adjacent to this present center stake within a basin where this location is staked. Unit 7-35 is situated in the SW 1/4 of the NE 1/4 of Section 35, Township 8 South, Range 17 East. A .15 mile-long access corridor (1.8 acres) was also examined in association with this location.

Unit 9-35 — A 10 acre area was examined adjacent to this present center stake within the arroyo bottom where this location is staked. Unit 9-35 is situated in the NE 1/4 of the SE 1/4 of Section 35, Township 8 South, Range 17 East. A .38 mile-long access corridor (4.6 acres) was also examined in association with this location.

Unit 7-36 — A 10 acre area was evaluated adjacent to this present center stake by AERC archaeologists as noted above. Unit 7-36 is situated in the SW 1/4 of the NE 1/4 of Section 36, Township 8 South, Range 17 East. A .23 mile-long access corridor (2.75 acres) was also examined in association with this location.

Unit 11-36 — AERC archaeologists evaluated a 10 acre area adjacent to this present center stake upon the top of the isolated mesa where this location is staked as noted above. Unit 11-36 is situated in the NE 1/4 of the SW 1/4 of Section 36, Township 8 South, Range 17 East. A .76 mile-long access corridor (9.18 acres) was also examined in association with this location.

Castle Peak Draw Locations (see Map 5) The inventory included the nine following well locations that are situated in Castle Peak Draw -- Pariette Bench locality. This inventory specifically involves two 10 acre parcel examinations associated with Units 9-2 and 15-2, a 65 acre bulk parcel associated with Unit 16-2, and a 640 acre bulk area (Section 11) evaluated in conjunction with Units 1-11, 2-11, 3-11, 6-11, 7-11, 8-11 and any other Inland well locations planned for that section. Units 9-2, 15-2 and 16-2 are all situated on Utah State land.

Unit 9-2 — AERC archaeologists evaluated a 10 acre area adjacent to this present center stake. This unit is situated in the NE 1/4 of the SE 1/4 of Section 2, Township 9 South, Range 17 East. Since no access route has been staked into this location, future investigations will include the access and pipeline corridors probably during a bulk acreage survey in Section 2.

Unit 15-2 — A 10 acre area was examined adjacent to this present center stake on the ridge where this location is staked. Unit 15-2 is situated in the SW 1/4 of the SE 1/4 of Section 2, Township 9 South, Range 17 East. Since no access route has been staked into this location, future investigations in Section 2 will include the access and pipeline corridors probably during an extension of the bulk acreage survey .

Unit 16-2 — A 65 acre parcel was evaluated in the SE 1/4 of the SE 1/4 of Section 2, Township 9 South, Range 17 East.

Units 1-11, 2-11, 3-11, 6-11, 7-11, 8-11 — As is demonstrated on Map 5, a 640 acre parcel was evaluated by AERC personnel involving Section 11, Township 9 South, Range 17 East. This bulk acreage provides Inland the flexibility to expand its drilling program to the south of the six presently staked well pads without the need for additional inventories of future proposed well locations, access routes, or pipeline corridors.

Environmental Description

The various project areas associated with this report are within the 5000 to 5700 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are affiliated with the entire project area.

The vegetation in the project area includes rabbit brush (*Chrysothamnus spp.*), sagebrush (*Artemisia spp.*), Winterfat (*Ceratoides lanata*) greasewood (*Sarcobatus spp.*), Sulphurflower Buckwheat (*Eriogonum umbellatum*) Mormon tea (*Ephedra viridis*), Halogeton, Mountain Mahogany (*Cercocarpus spp.*), saltbush (*Atriplex canescens*), and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uintah Formation of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 6, 1997 in association with the primary project as requested by Inland Resources, Inc. A similar search was conducted in the Vernal

District Office of the BLM on November 10, 1997 and March 18, 1998. The National Register of Historic Places was consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the general locality. Many of these prehistoric resources were identified and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994, 1995, 1996, 1997).

Prehistory of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 - 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. - 300 A.D.), and Formative (ca. A.D. 400 - 1100) stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 - 1850) to conclude in the Historic-Modern Period which was initiated with the incursion of the Euro-American trappers, explorers and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see *Archaeological Evaluations in the Northern Colorado Plateau Cultural Area* (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places. The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "tap and test" variety, and extend for tens of hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numic) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e. Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate

that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits. In the Wells Draw and Castle Peak Draw localities, site density appears to be very high, especially in areas near water courses and seep sources.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologists walking a series of 15 to 20 meter-wide transects within the various parcels associated with the surveyed well locations and along the 100 foot-wide access routes. Thus, 873.33 acres associated with these 16 proposed well locations were inventoried relative to this present project and previously reported projects as noted above.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Due to the on-set of winter conditions, the recording of archaeological sites 42DC 1146, 42DC 1148, 42Un 2526, and 42UN 2527, which were identified during the 1997-98 winter evaluations were postponed until March and April 1998. Additional reports for various Inland projects, also to be released in the spring of 1998, will continue to document those resources that were initially identified and noted in Hauck and Hadden 1997.

In certain instances, the cultural sites are evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. of North Salem, New Hampshire). GPR was not used during this project but may be employed to facilitate the significance assessments of certain cultural sites.

Following these field analyses, cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are developed by the principal investigator in consultation with both the client and relevant governmental agencies as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American . . . archaeology . . . and culture is present in . . . sites . . . that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction . . . ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Register of Historic Places.

Results of the Inventory

Eight prehistoric cultural resource activity loci were recorded during the final archaeological evaluation of various units as shown on Maps 2, 4, and 5. These sites include 42DC 1146, 42DC 1148, 42UN 2526 through 42UN 2531. A brief description of each site, the site maps, cultural significance determinations, and mitigation recommendations are provided in this portion of the report.

Site 42DC 1146 (see Maps 2, 3 & 6) This site consists of an open occupation situated on the southern aspect of a terrace/outcrop. The site includes a deflated hearth and a single chipped stone tool -- an Early to Middle Archaic Side-notch dart point (see Figure 1). No other cultural debris was identified along the ridge. Much of the surface of the site is deflated with aeolian and fluvial deposition along tertiary drainages and areas with vegetation.

National Register Status: not significant — site lacks depth potential

Potential for Project-related Disturbance: none

Recommendations: none

Site 42DC 1148 (see Maps 2, 3 & 7) This site consists of scattered historic debris with some areas of higher density. A deteriorated oven consisting of fire bricks and a steel grate was constructed at the southeastern base of the ridge. Areas of higher density included two scatters of insulators and a scatter of deteriorating wood, wire, and cans. A number of hole in top and crimped cans and broken clear glass were scattered throughout the site area. The prehistoric component consisted of a low density scatter of lithic debitage primarily of Parachute Creek chert. The scatter surrounds the ridge beginning

at the southeastern aspect of the ridge extending along the northern margin. The site surface consists of deflated areas, rock outcrops, and regions of deposition.

National Register Status: this site is considered to have potential for National Register inclusion because aeolian depositions within the site demonstrate potential for stratified depth and contextual integrity.

Potential for Project-related Disturbance: none — site will be avoided during the construction of Unit 6-10.

Recommendations: none

Site 42UN 2526 (see Maps 4 & 8) This prehistoric site consists of an open occupation situated on the north slope of the top of an isolated mesa. The site occupies an area of ca. 60 x 60 meters. Much of the surface in the site area consists of aeolian sand which has become stabilized. Blow-out zones contain debitage indicating site has the potential for buried features and diagnostic materials. Lack of diagnostics hamper determination of site period of occupation, but it probably is no more recent than Late Archaic. Exposures in shallow drainage channels indicate presence of hearth features on the site. Food preparation on-site is suggested by the presence of a sandstone mano.

National Register Status: this site is considered to have potential for National Register inclusion because aeolian depositions within the site demonstrate potential for stratified depth and contextual integrity.

Potential for Project-related Disturbance: At the present, Inland Unit 11-36 extends into the southwestern portion of the site; thus, a high probability exists for site disruption during the blading and operations on Unit 11-36. This site cannot be avoided during the construction of Unit 11-36 if that proposed well pad remains in its present location.

Recommendations: AERC recommends that the site be avoided during the construction and operational phases associated with Unit 11-36. This can be facilitated by moving the pad's staked location 100 feet to the southwest to ensure site preservation during pad construction. AERC also recommends that the northern and eastern peripheries of the relocated well pad be fenced to facilitate the long-term preservation of the site from random vehicle traffic originating on the well pad location.

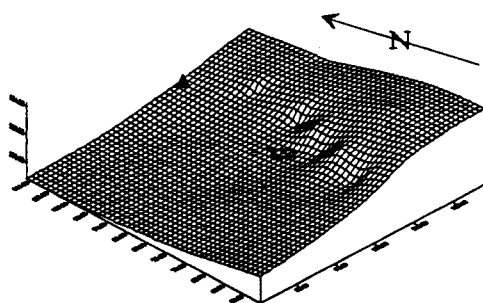
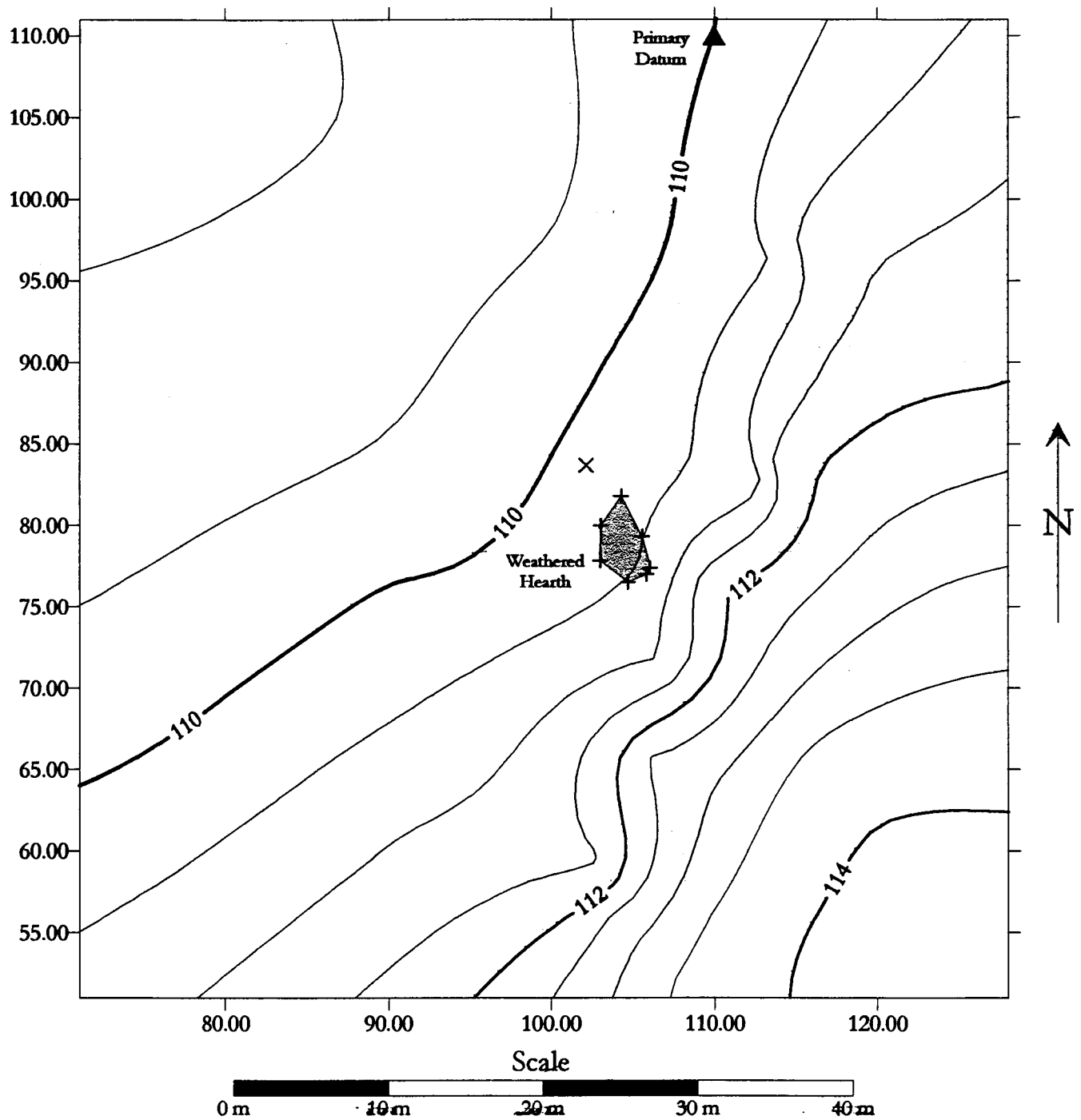
Site 42UN 2527 (see Maps 4 & 9) This site consists of a sparse scatter of highly patinated, expediency tools generally associated with the initial dismemberment of large game after a kill. Tools were probably prepared, used and discarded in the site area. The several opposing-flake biface choppers observed on the site are common to similar sites of the Early and Middle Archaic phases that have been previously recorded by this firm in the Northwestern Plains and Uintah Basin. The sawtooth edge on these tools facilitate their use in cutting through thick tendons while quartering game. The site measures ca. 40 meters in circumference and is exposed directly on a deflated, Pleistocene age, desert pavement.

National Register Status: not significant — site lacks depth potential and contextual integrity.

Potential for Project-related Disturbance: none — site is just north and outside the northern perimeter for Unit 7-36.

Recommendations: none

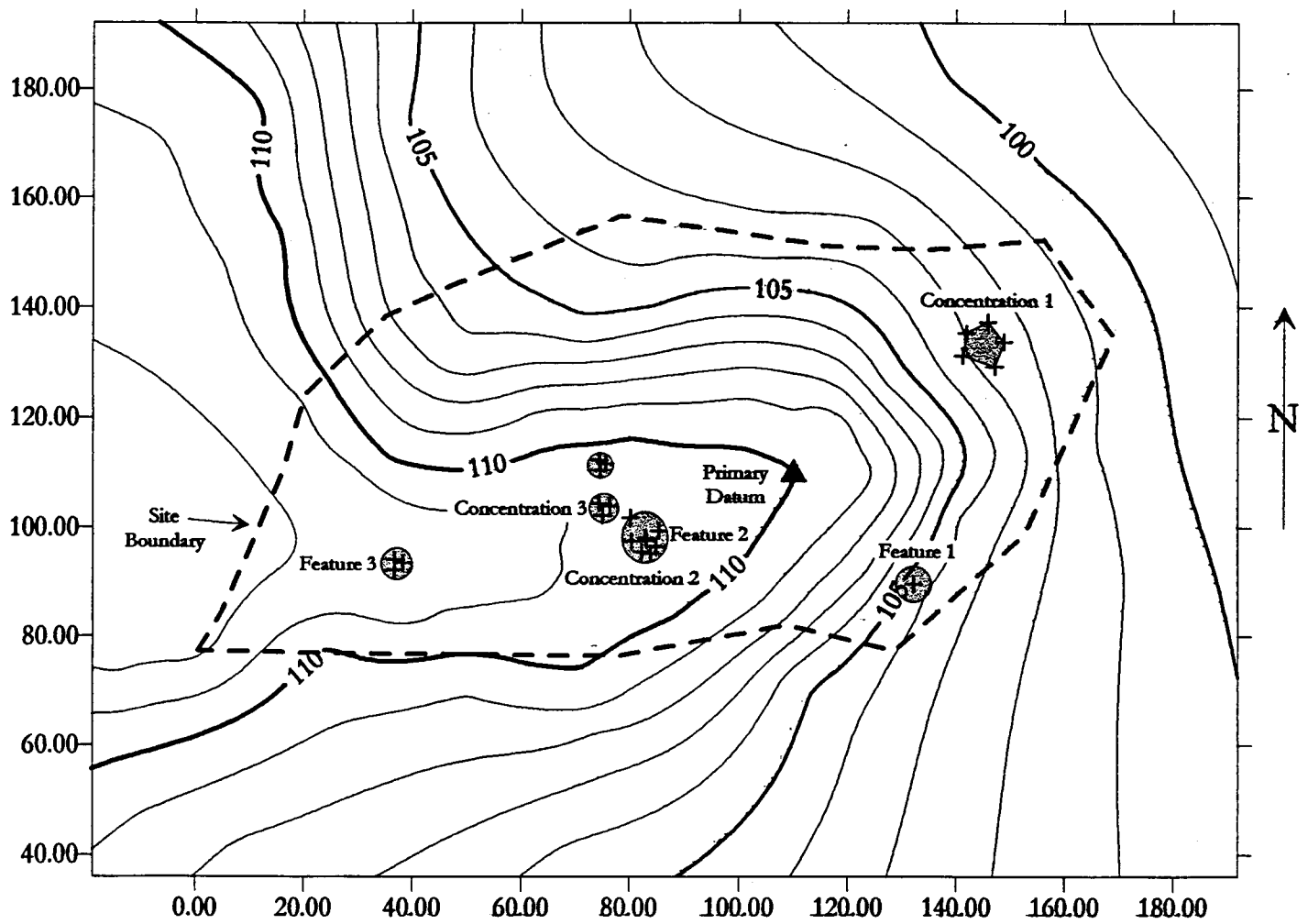
MAP 6: Artifact Distribution at 42DC1146



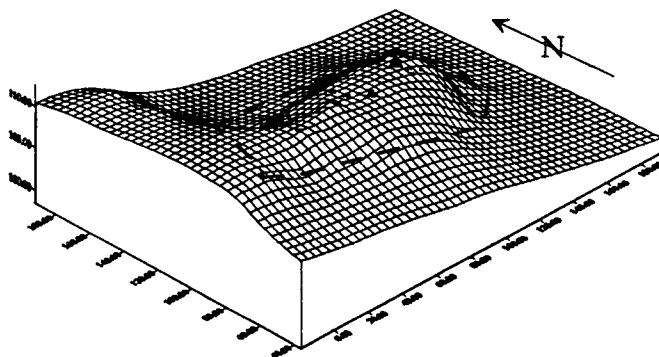
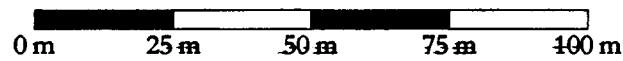
Legend

- ▲ Primary Datum
- × Artifact Location
- Hearth Location

MAP 7: Artifact Distribution at 42DC1148



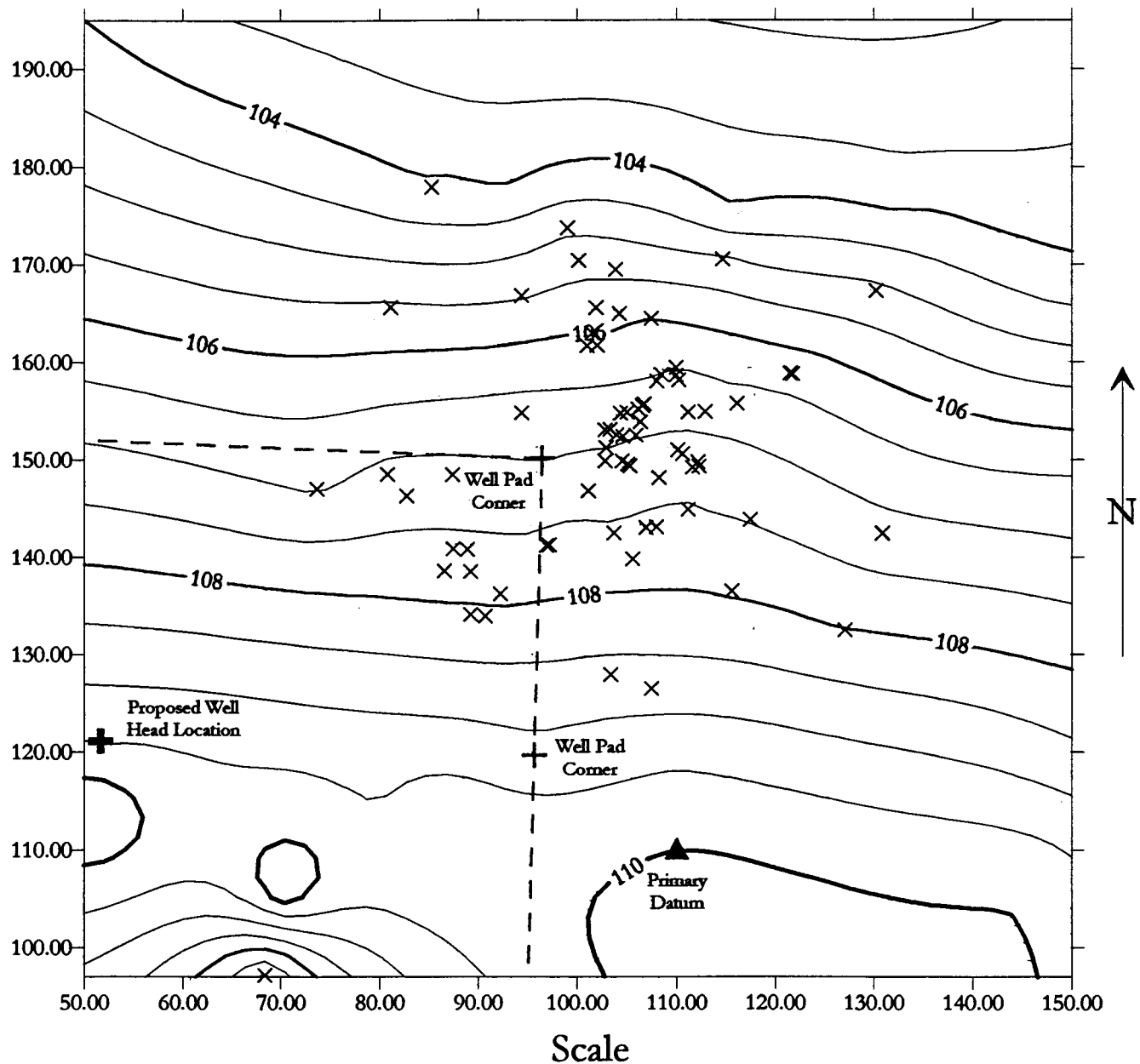
Scale



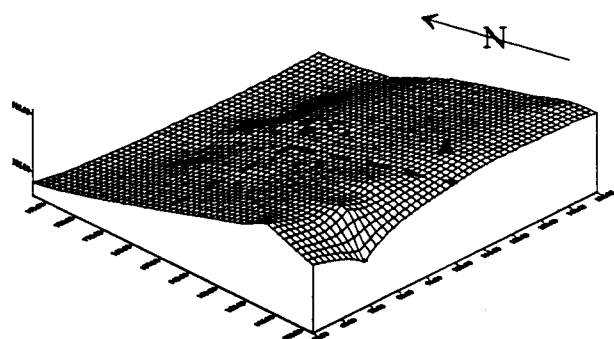
Legend

- ▲ Primary Datum
- Artifact Concentration
- - - Site Boundary

MAP 8: Artifact Distribution at 42UN2526



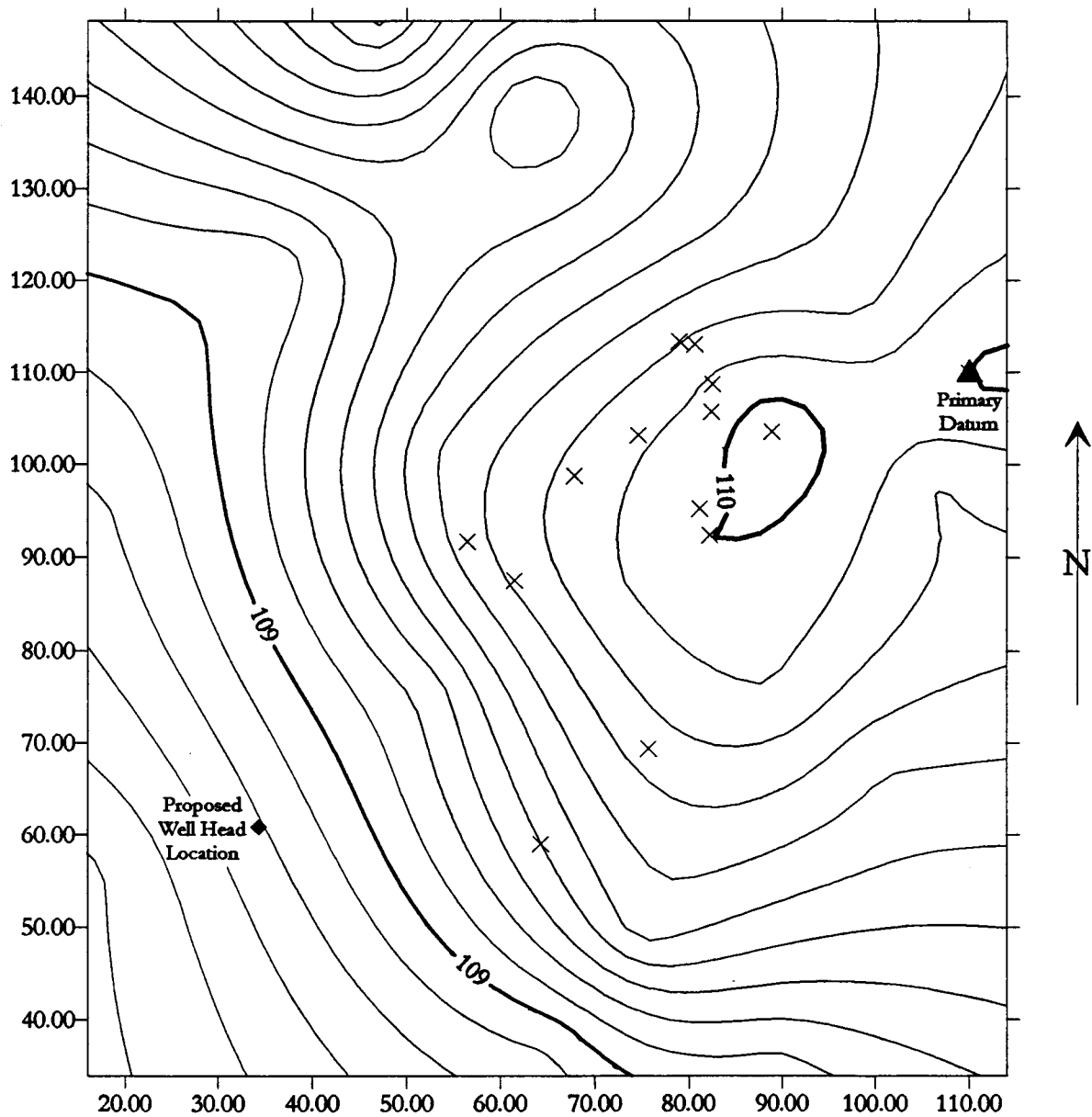
Scale
0 m 20 m 40 m 60 m 80 m



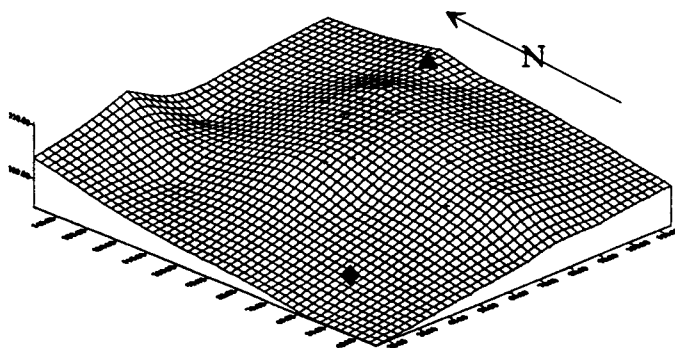
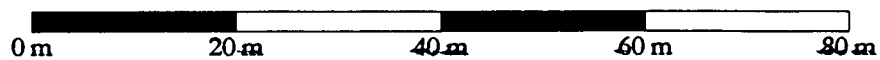
Legend

- ▲ Primary Datum
- + Well Pad Corner
- ⊕ Well Head Location
- × Artifact Location

MAP 9: Artifact Distribution at 42UN2527



Scale



Legend

- ▲ Primary Datum
- ◆ Well Head
- × Artifact Location

Site 42UN 2528 (see Maps 5 & 10) This site consists of a diffuse scatter of 10+ lithic flakes in a 20 x 50 meter area. All debitage consists of the locally available Parachute Creek chert as primary and secondary flakes. A possible, highly deflated hearth feature is situated on the southeastern portion of the site. Shallow aeolian depositions on the site were carefully examined to determine depth potential with negative results.

National Register Status: not significant — site lacks depth potential and contextual integrity.

Potential for Project-related Disturbance: none — site is south and outside the southern perimeter for Unit 1-11.

Recommendations: none

Site 42UN 2529 (see Maps 5 & 11) This site consists of an open occupation located on the east side of a ridge along the edge of a dune field. It is currently eroding into a tributary drainage of Big Wash. Site measures ca. 40 x 70 meters in size and has depth potential. Site contains several biface tools, a deflated hearth, core materials and biface reduction materials. Cherts on the site include the localized Parachute Creek chert, a white chert and an unknown clear chert containing red speckles.

National Register Status: this site is considered to have potential for National Register inclusion because aeolian depositions within the site demonstrate potential for stratified depth and contextual integrity.

Potential for Project-related Disturbance: none — site is outside the perimeter of Unit 1-11 and can easily be avoided during the construction of that well location.

Recommendations: none

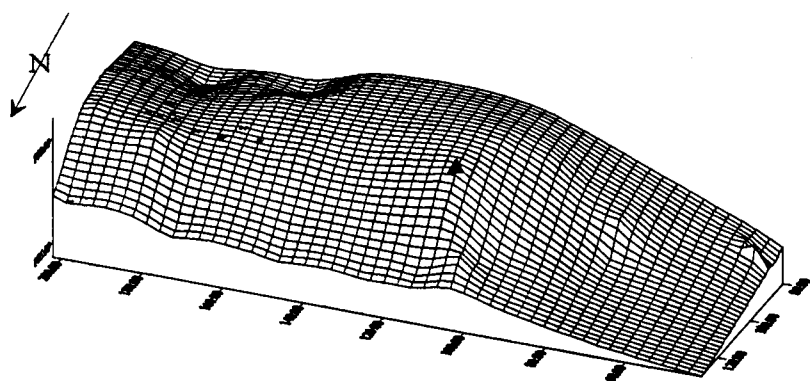
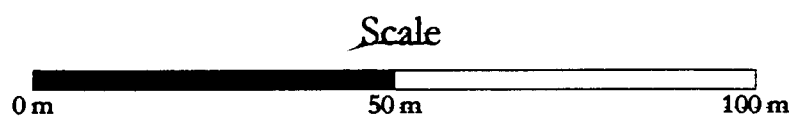
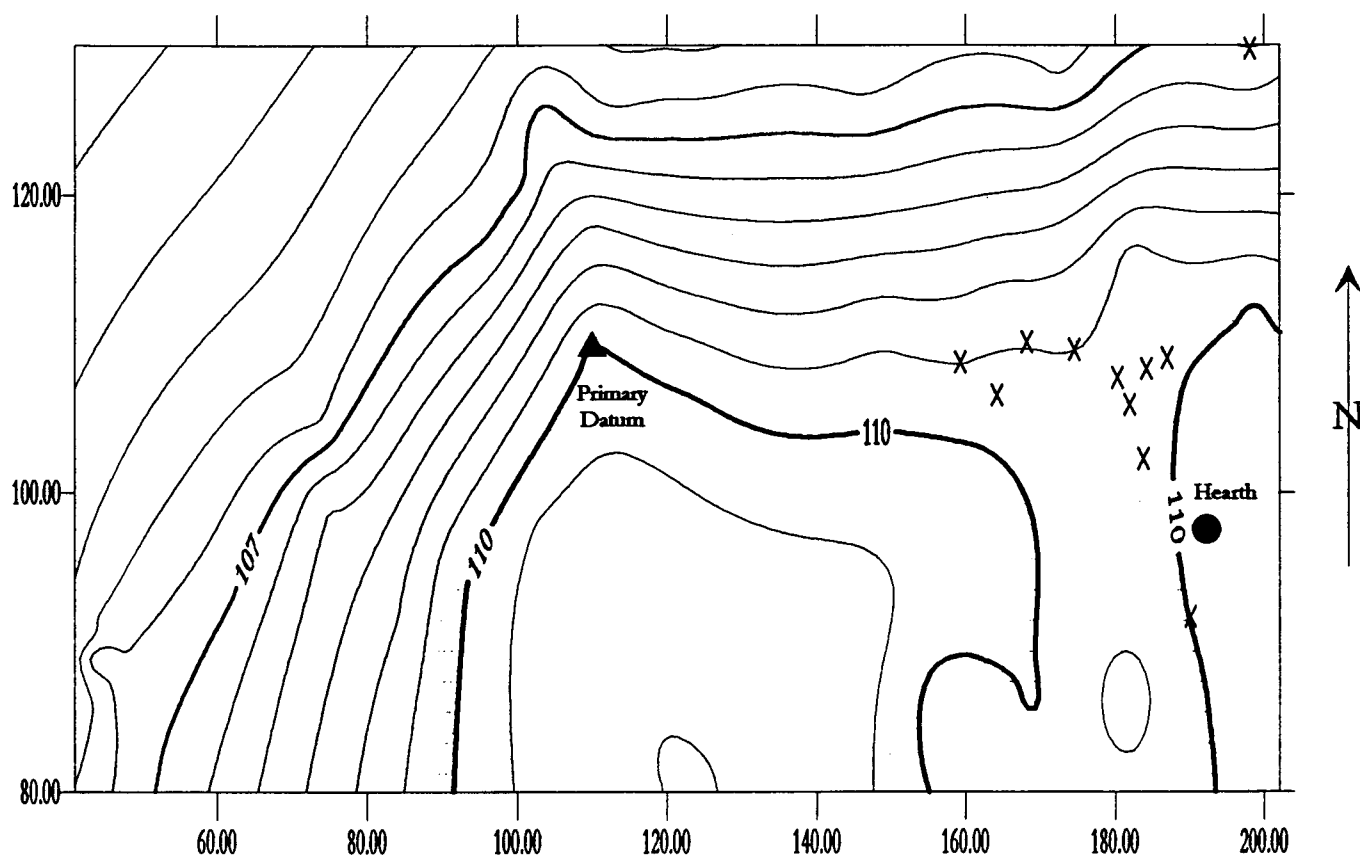
Site 42UN 2530 (see Map 5 & 12) This site consists of an open occupation located on the north slope and bench of a ridge on the south side of a tributary drainage of Big Wash. Site is ca. 50 x 100 meters in size and has depth potential. Site is adjacent to 42UN 1330 which is above and to the south in the adjacent section (11). Site contains an early PaleoIndian component based on the recovery of a Goshen (Plainview) base (see Figure 2). Site probably also contains Archaic components although no diagnostics were observed (see Figure 3). Dominant lithic material type on the site consists of Parachute Creek chert which is locally available in the form of thin-bedded float. Evidence of full range of biface reduction can be observed on the site in addition to evidence of tool use and discarding.

National Register Status: this site is considered to have potential for National Register inclusion because aeolian depositions within the site demonstrate potential for stratified depth and contextual integrity.

Potential for Project-related Disturbance: none — site is outside the perimeters of Units 1-11 and 16-2 and can easily be avoided during the construction of those well locations.

Recommendations: none

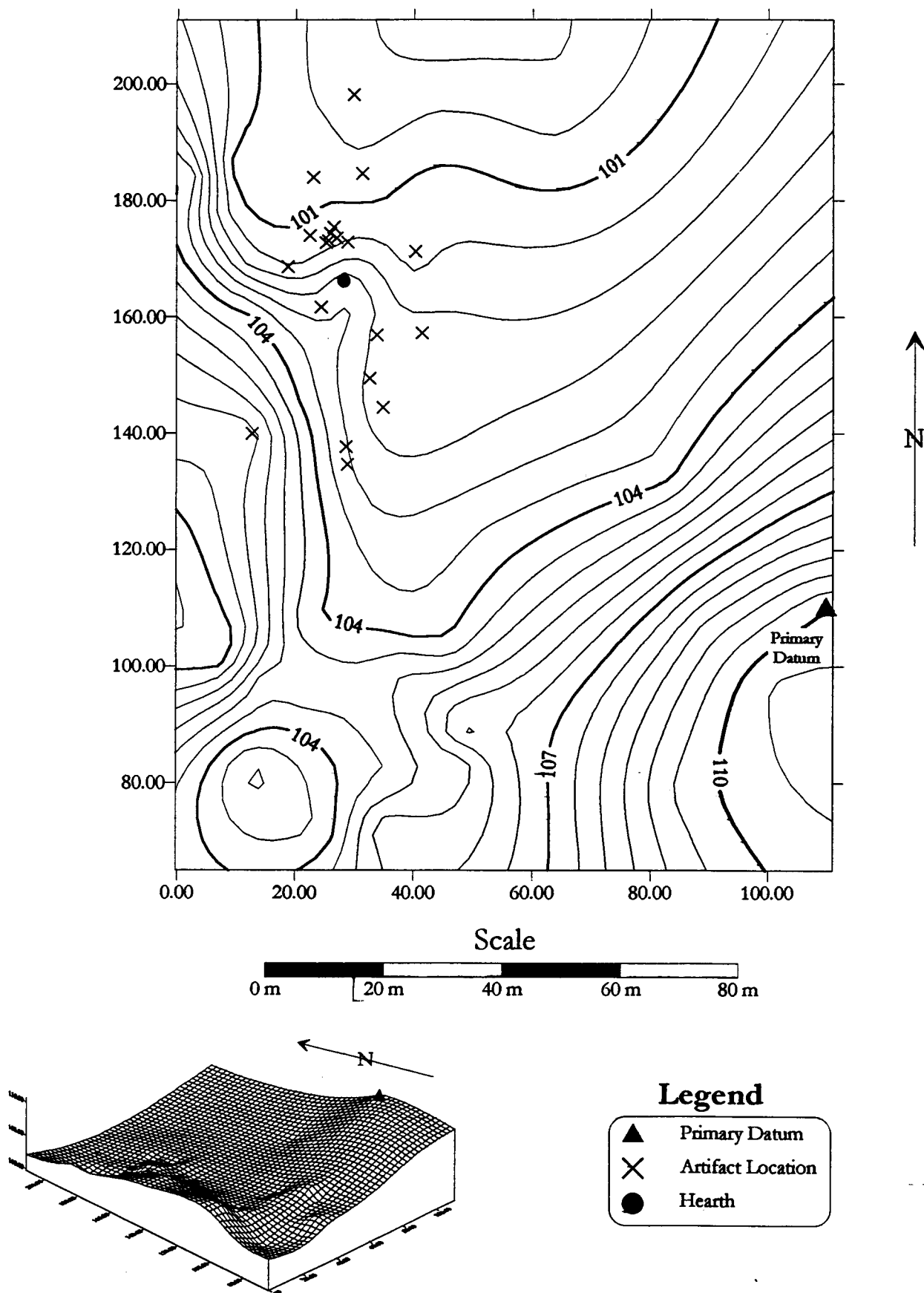
MAP 10: Artifact Distribution at 42UN2528



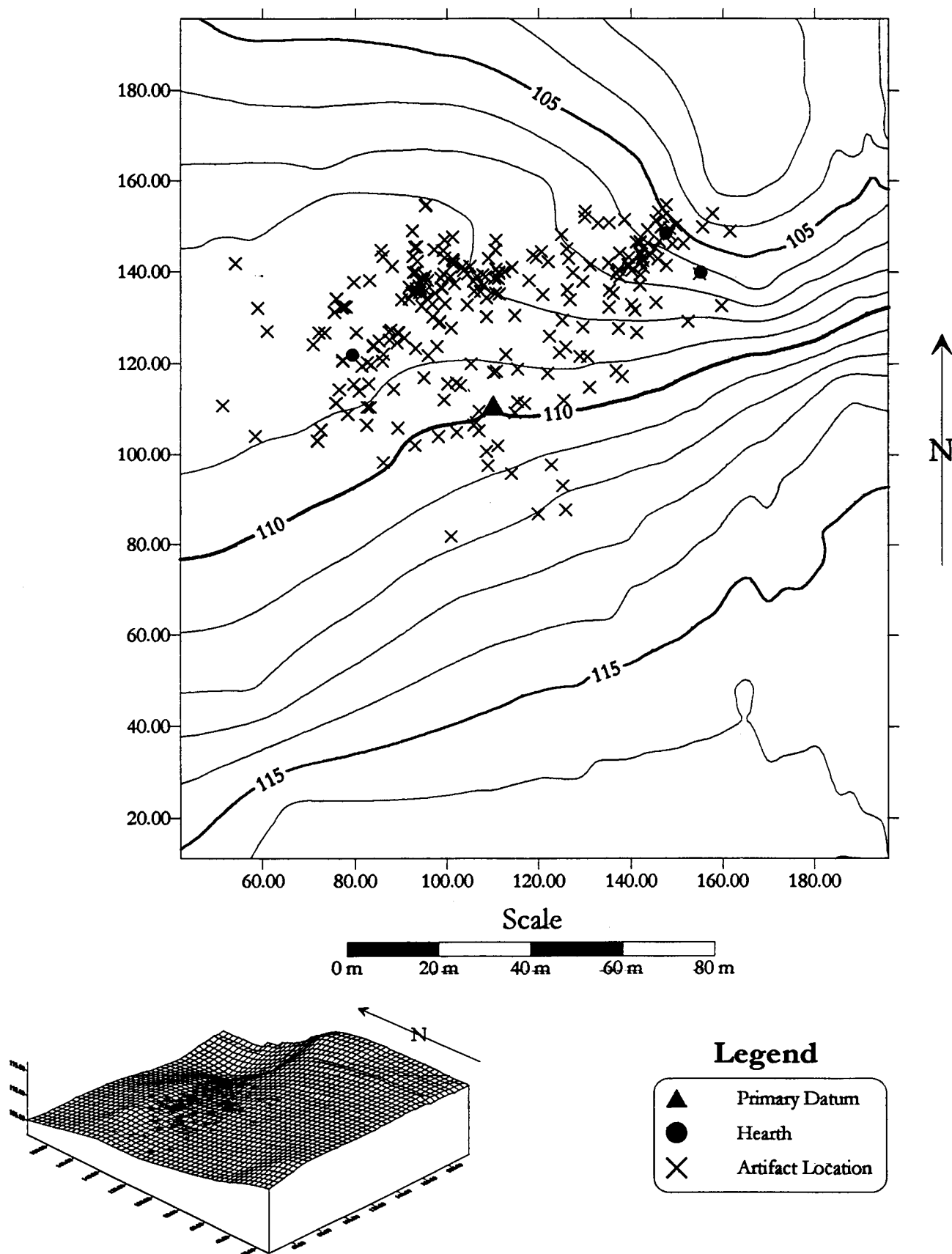
Legend

- ▲ Primary Datum
- × Artifact Location
- Hearth

MAP 11: Artifact Distribution at 42UN2529



MAP 12: Artifact Distribution at 42UN2530



Site 42UN 2531 (see Maps 5 & 13) This site consists of a sparse scatter of flakes and one biface expediency butchering tool. Site was apparently the locus of a butchering episode related to the dismemberment of a large mammal.

National Register Status: not significant — site lacks depth potential and contextual integrity.

Potential for Project-related Disturbance: none

Recommendations: none

One previously identified and recorded significant National Register eligible sites was noted during the survey being reported in this document. That site (42UN 1330) is situated immediately north of Unit 1-11. A brief description of that site follows:

Site 42UN 1330 (see Map 5) This large prehistoric site consists of an open occupation and lithic scatter that has been previously recorded. It is situated on the top and southern slope of a ridge overlooking the basin where Unit 1-11 has been staked.

National Register Status: this site is considered to have potential for National Register inclusion because aeolian depositions within the site demonstrate potential for stratified depth and contextual integrity.

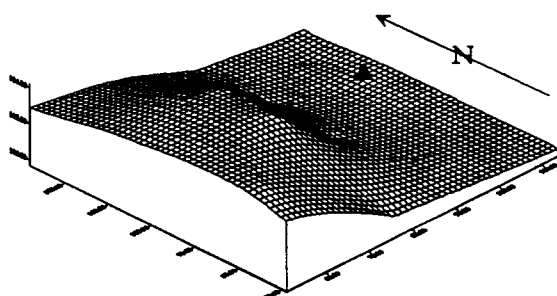
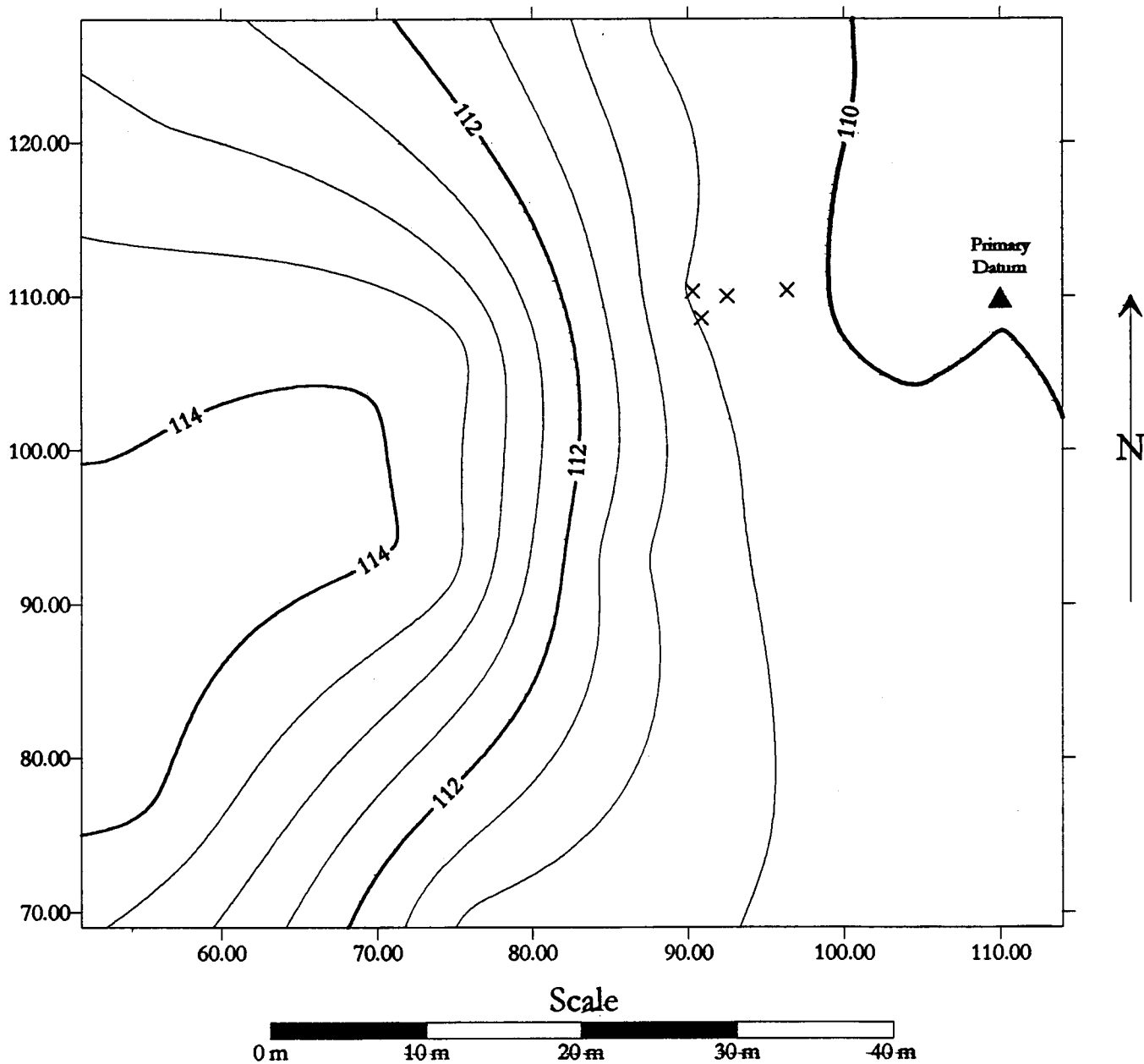
Potential for Project-related Disturbance: moderate due to proximity between site and well pad construction area for Unit 1-11.

Recommendations: avoidance — construction on adjacent Unit 1-11 should be restricted to the south side of the drainage that forms the site's southern and eastern periphery.

Two partially diagnostic, isolated artifacts were observed and recorded during the evaluations. These artifacts include **1597F/x1** (see Map 2 and Figure 4) and **1597K/x3**, (see Map 5 and Figure 5). The first consists of a distal fragment of a bifacially prepared tool. The second isolate consists of a mid-section that appears to be a remnant of a PaleoIndian blade tool. Both were recovered for laboratory analysis and will be curated at AERC's established curatorial facility with other artifacts collected during this project.

No paleontological loci were observed during the survey. A paleontological report will be appended to the final AERC report for this project.

MAP 13: Artifact Distribution at 42UN2531



Legend

- ▲ Primary Datum
- × Artifact Location

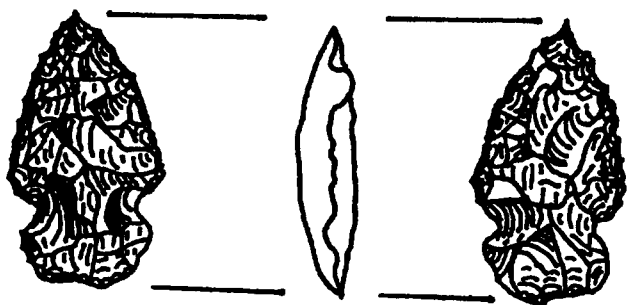


FIGURE 1:
Side-notch Projectile Point
recovered from 42DC1146

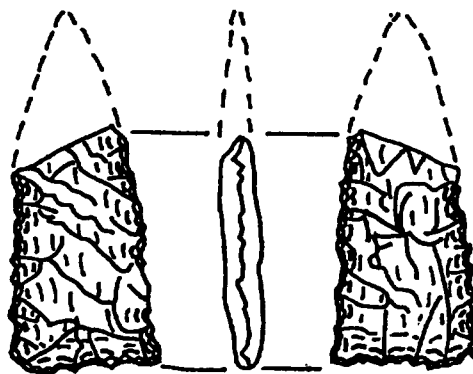


FIGURE 2:
Goshen (Plainview) Style Projectile
Point recovered from 42UN2530

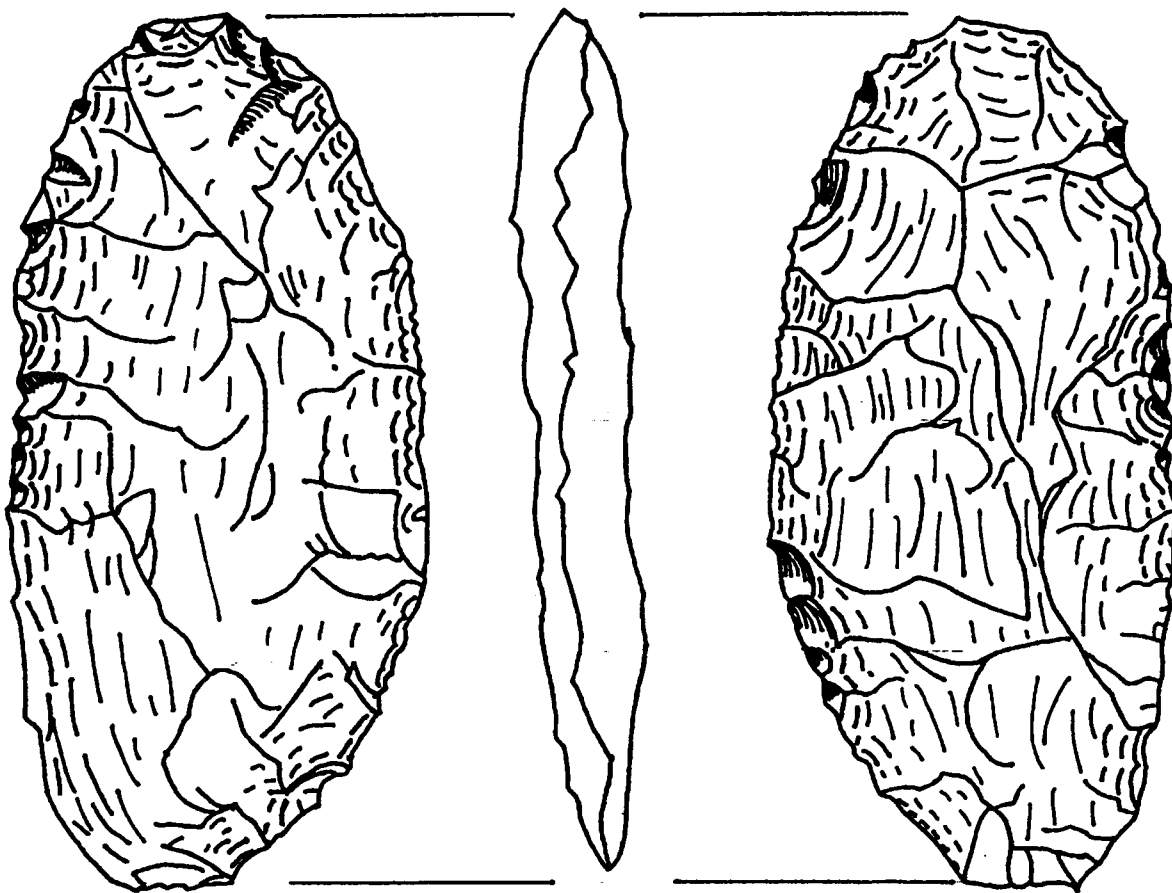


FIGURE 3:
Knife recovered from
42UN2530

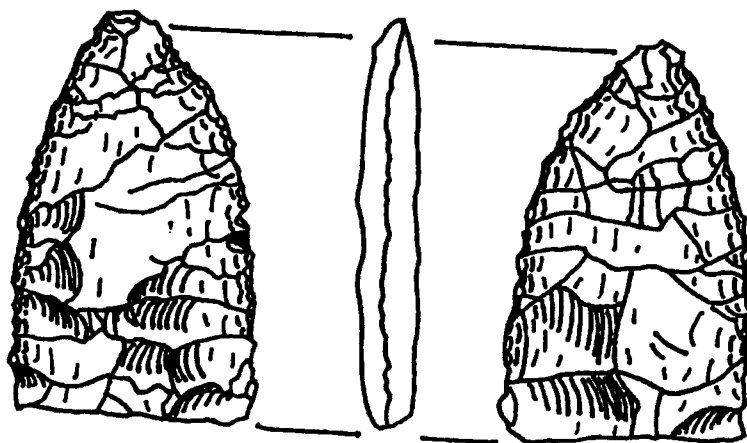


FIGURE 4:
Isolated find 1597F/x1

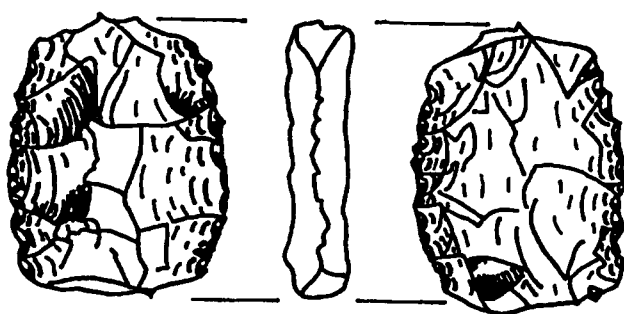


FIGURE 5:
Isolated find 1597K/x3

CONCLUSION AND RECOMMENDATIONS

Inland Units 6-10, 13-10, 7-36, 1-35, 7-35, 9-35, 9-2, 15-2, 16-2, 2-11, 3-11, 6-11, 7-11, 8-11 and their respective access routes as shown on Maps 2 through 5 in this document do not pose any significant threat to any known significant cultural resources. However, several significant cultural resource sites (42UN 2526, 42UN 1330) could be adversely impacted during the development and operation of Inland Resources, Inc.'s well locations 11-36 and 1-11 as cited in this report.

AERC recommends that a cultural resource clearance be granted to Inland Resources, Inc. relative to the development of these 16 proposed locations based upon adherence to the following stipulations:

1. Site 42UN 2526 should be avoided by moving the staked location for Unit 11-36 a minimum of 100 feet to the southwest to ensure site preservation during pad construction. In addition, the northern and eastern peripheries of the relocated well pad should be fenced to facilitate the long-term preservation of the site from random vehicle traffic originating on the well pad location;
2. Site 42UN 1330 should be avoided by restricting construction, operational, and vehicular activities to the south side of the drainage that forms that site's southern and eastern periphery;
3. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the surveyed zones, to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
4. all personnel should refrain from collecting artifacts and from disturbing any cultural resources in the area; and
5. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

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WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/20/98

API NO. ASSIGNED: 43-013-32125

WELL NAME: S WELLS DRAW 11-2-9-16

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

CONTACT: ~~Cheryl Cameron (435) 789-1866~~ Brad Mechem (435) 646-3721

PROPOSED LOCATION:

NESW 02 - T09S - R16E
SURFACE: 1980-FSL-1967-FWL
BOTTOM: 1980-FSL-1967-FWL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: STA
LEASE NUMBER: ML-21839
SURFACE OWNER: State

INSPECT LOCATION BY: / /

| TECH REVIEW | Initials | Date |
|-------------|------------|---------------|
| Engineering | <i>RJM</i> | <i>1-6-00</i> |
| Geology | | |
| Surface | | |

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

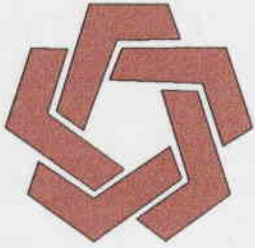
☒ Plat
☒ Bond: Federal[] State[] Fee[]
(No. RN 4471291)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. Johnson Water District)
☒ RDCC Review (Y/N)
(Date: _____)
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit _____
☒ R649-3-2. General
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Date: _____

COMMENTS: * Need Presite. (Conducted 12-2-99)

STIPULATIONS: ① STATEMENT OF BASIS



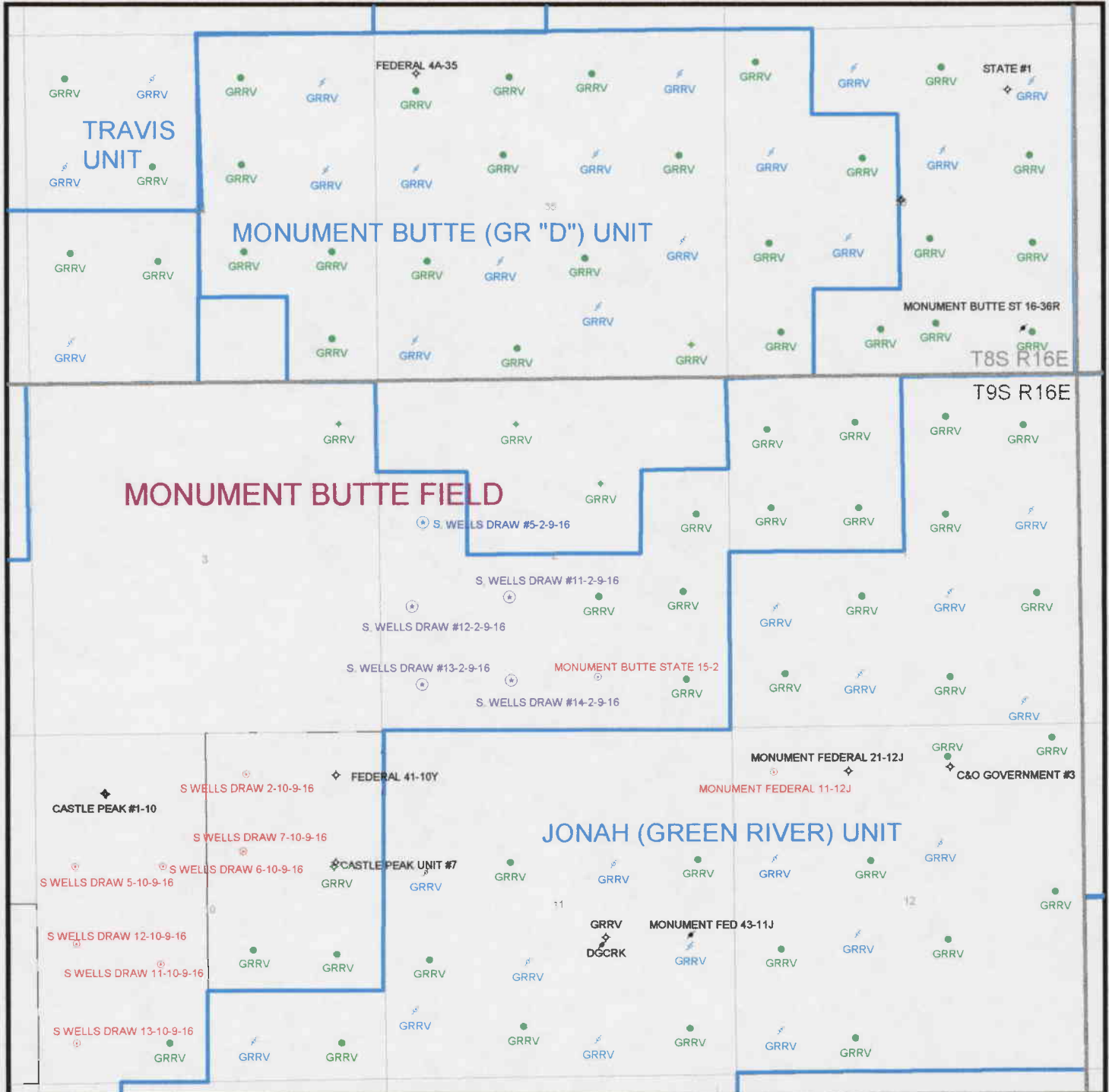
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION COMPANY (N5610)

FIELD: MONUMENT BUTTE (105)

SEC. 2, TWP 9S, RNG 16E

COUNTY: DUCHESNE UNIT: NONE



DATE PREPARED:
23 NOV 1998

1-7-00 *le*

Well name:

1-00 Inland SWD 11-2-9-16

Operator: **Inland**
String type: **Surface**Project ID:
43-013-32125Location: **Duchesne Co.****Design parameters:****Collapse**Mud weight: 8.400 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: 1 ft

BurstMax anticipated surface
pressure: -2,574 psi
Internal gradient: 9.018 psi/ft
Calculated BHP 131 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 262 ft**Re subsequent strings:**Next setting depth: 300 ft
Next mud weight: 8.400 ppg
Next setting BHP: 131 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure 300 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft ³) |
|------------|---------------------------|-------------------------------|-------------------------------|------------------------|----------------------------|----------------------------|---------------------------|-------------------------------|--|
| 1 | 300 | 8.625 | 24.00 | J-55 | ST&C | 300 | 300 | 7.972 | 14.4 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
| 1 | 131 | 1370 | 10.47 | 131 | 2950 | 22.54 | 6 | 244 | 38.79 J |

Prepared RJK
by: Utah Dept. of Natural ResourcesDate: January 6,2000
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:
Operator: **Inland**
String type: **Production**

1-00 Inland SWD 11-2-9-16

Project ID:
43-013-32125

Location: **Duchesne Co.**

Design parameters:

Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 166 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: Surface

Burst

Max anticipated surface
pressure: 0 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 2,813 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 5,681 ft

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-------------------------|
| 1 | 6500 | 5.5 | 15.50 | J-55 | LT&C | 6500 | 6500 | 4.825 | 203.8 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
| 1 | 2813 | 4040 | 1.44 | 2813 | 4812 | 1.71 | 88 | 217 | 2.46 J |

Prepared RJK
by: Utah Dept. of Natural Resources

Date: January 6,2000
Salt Lake City, Utah

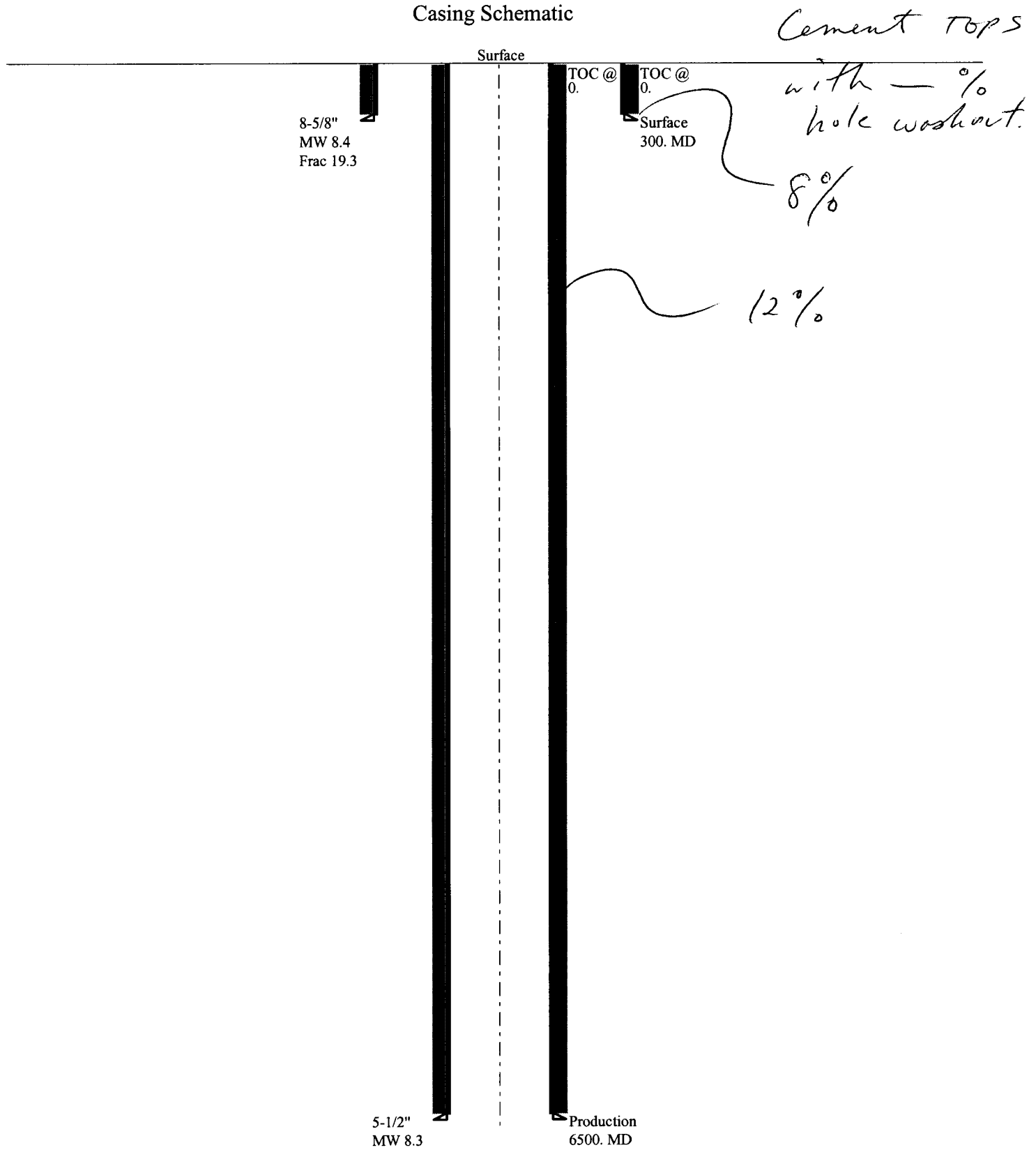
ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

1-00 Inland SWD 11-2-9-

Casing Schematic



DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: INLAND PRODUCTION COMPANY
Name & Number: S. WELLS DRAW #12-2-9-16
API Number: 43-013-32126
Location: 1/4, 1/4 NW/SW Sec. 2 T. 9S R. 16E

Geology/Ground Water:

The base of moderately saline water is at a depth of approximately 300 to 400 feet at this location. The near surface geology of this area consists of interbedded sandstones and shales of the Uinta Formation. These sands are generally discontinuous and lenticular and not subject to direct recharge. They generally do not constitute an extensive reservoir. The proposed casing and cement program should adequately protect any potential underground sources of water.

Reviewer: Dan Jarvis

Date: 01-04-2000

Surface:

The presite investigation was performed on December 2, 1999 by DOGM representatives. An invitation to the presite meeting was provided to the Northeastern office of Division of Wildlife Resources and State lands (SITLA). Neither agency attended the onsite meeting; however, DWR was provided legal coordination of location to determine whether any T&E species were in question. Shallow drainage entering location between corners c. and d. and leaving location just north of corner 3 be re-routed around and picked up east of location.

Reviewer: DENNIS L. INGRAM

Date: DECEMBER 2, 1999

Conditions of Approval/Application for Permit to Drill:

1. No pit liner is required; however, if operator used salt water to kill or stabilize a gas kick all contaminated fluids shall remain in steel tanks and be trucked to approved disposal site.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: INLAND PRODUCTION COMPANY

WELL NAME & NUMBER: S. WELLS DRAW #12-2-9-16

API NUMBER: 43-013-32126

LEASE: ML-21839 FIELD/UNIT: MONUMENT BUTTE

LOCATION: 1/4, 1/4 NW/SW Sec: 2 TWP: 9S RNG: 16E 1860.4' FSL 509.9' FWL

LEGAL WELL SITING: Statewide 400 foot window in center of 40 acre tract
and no closer than 920 feet from another well; or Board
Spaced area requiring
Setback and From another well.

GPS COORD (UTM): 12 577223E; 4434519N

SURFACE OWNER: STATE LANDS (SITLA)

PARTICIPANTS

JOHN HOLST (INLAND PRODUCTION CO); BRAD MECHAM (INLAND PRODUCTION
CO); DAVID HACKFORD (DOGM); DENNIS L. INGRAM (DOGM)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Location is proposed approximately 2.5 miles east of Wells Draw,
and 1.0 miles north of Castle Peak Draw on east/west bench and 850'
South of wash. Location dips to slightly to north and east.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep and cattle grazing with wildlife usage.

PROPOSED SURFACE DISTURBANCE: 210'x 300' plus 0.2 mile access road.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See map from GIS
data base attached.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production
facilities and equipment shall be on location.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill or borrowed.

ANCILLARY FACILITIES: None proposed.

WASTE MANAGEMENT PLAN:

See attached Methods of Handling Waste Disposal, page 3, item #7 on
Application for Permit to Drill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry wash 850' to north.

FLORA/FAUNA: Native grasses, shadscale, sage, saltbrush, greasewood, prickley pear, antelope, coyote, deer, mountain lion, rodents, etc.

SOIL TYPE AND CHARACTERISTICS: Light tan, fine grained sandy loam.

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation, south flank of the Uinta Mountains.

EROSION/SEDIMENTATION/STABILITY: Minor erosion, some sedimentation, no stability problems anticipated on construction of location.

PALEONTOLOGICAL POTENTIAL: None observed at onsite meeting.

RESERVE PIT

CHARACTERISTICS: 40'x 90'x 8'deep on south side of location

LINER REQUIREMENTS (Site Ranking Form attached): Level II 15 points.

SURFACE RESTORATION/RECLAMATION PLAN

As required by state lands (SITLA)

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: An archaeology study was performed by A.E.R.C. from Bountiful Utah, and submitted by Inland to DOGM.

OTHER OBSERVATIONS/COMMENTS

Site was moved southwest because of shallow drainage. Another shallow drainage crosses location at reserve pit from west running northeast.

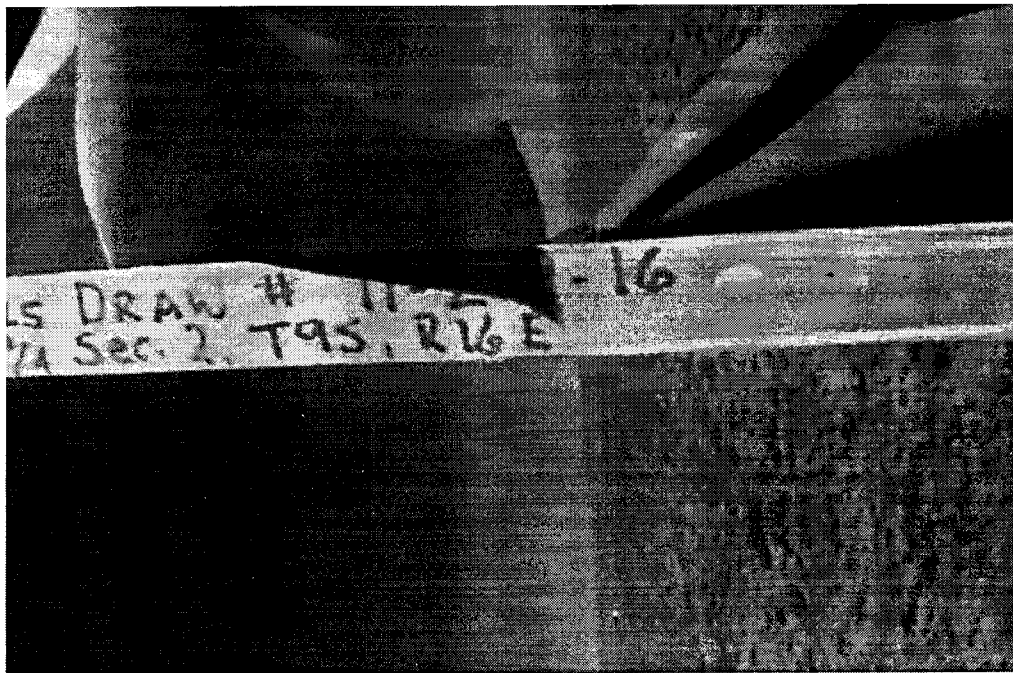
ATTACHMENTS: Photos of location, pit ranking, statement of basis.

DENNIS L. INGRAM
DOGM REPRESENTATIVE

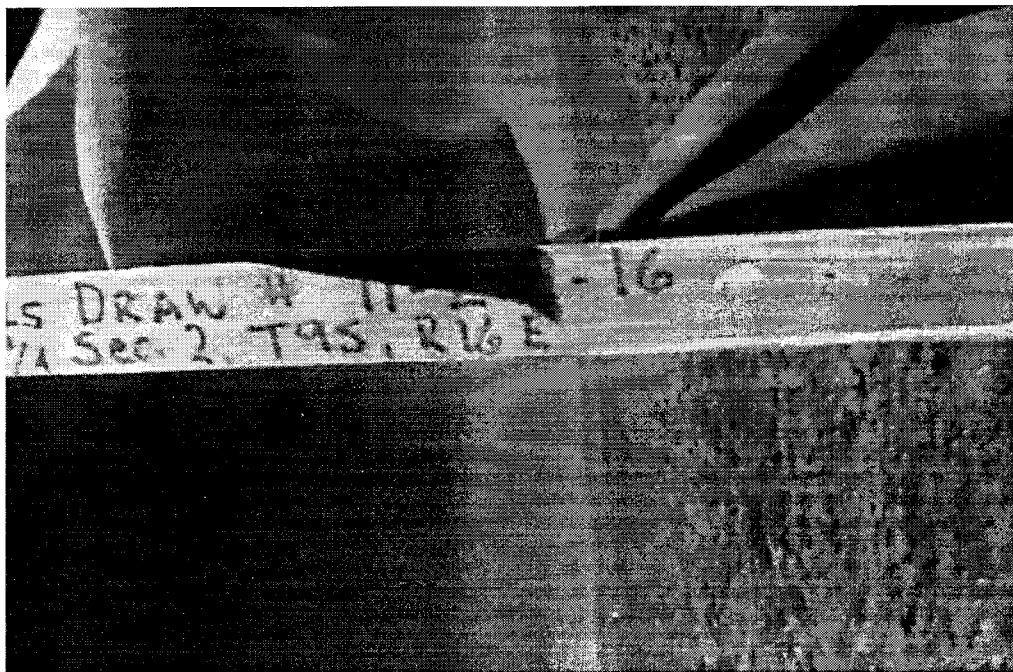
12/02/99
DATE/TIME

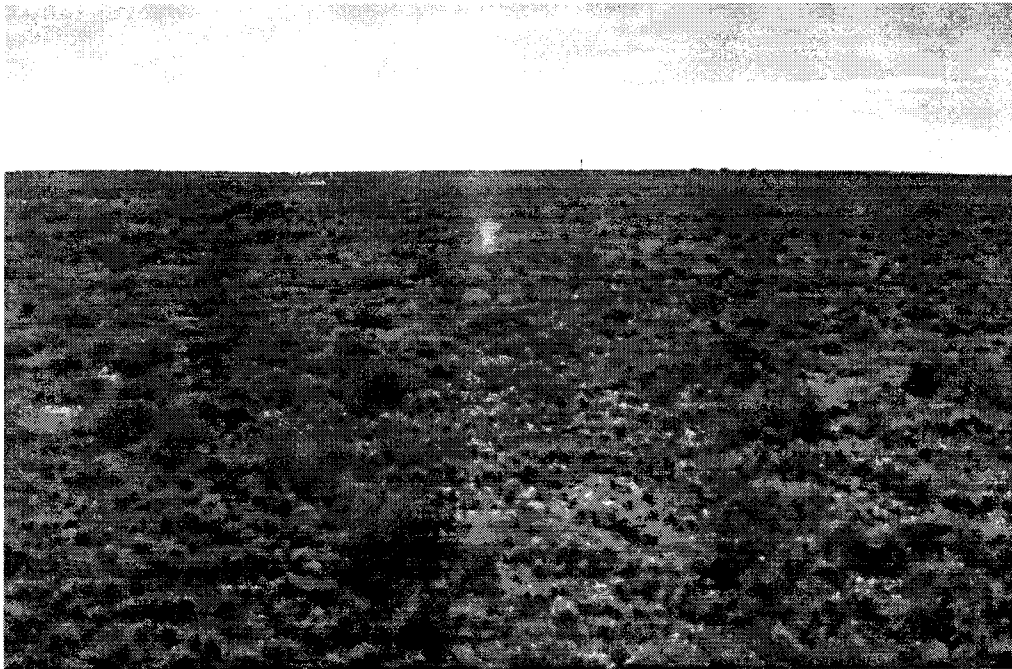
**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

| <u>Site-Specific Factors</u> | <u>Ranking</u> | <u>Site Ranking</u> |
|---|----------------|---------------------|
| Distance to Groundwater (feet) | | |
| >200 | 0 | |
| 100 to 200 | 5 | |
| 75 to 100 | 10 | |
| 25 to 75 | 15 | |
| <25 or recharge area | 20 | <u>0</u> |
| Distance to Surf. Water (feet) | | |
| >1000 | 0 | |
| 300 to 1000 | 2 | |
| 200 to 300 | 10 | |
| 100 to 200 | 15 | |
| < 100 | 20 | <u>0</u> |
| Distance to Nearest Municipal Well (feet) | | |
| >5280 | 0 | |
| 1320 to 5280 | 5 | |
| 500 to 1320 | 10 | |
| <500 | 15 | <u>0</u> |
| Distance to Other Wells (feet) | | |
| >1320 | 0 | |
| 300 to 1320 | 10 | |
| <300 | 20 | <u>0</u> |
| Native Soil Type | | |
| Low permeability | 0 | |
| Mod. permeability | 10 | |
| High permeability | 20 | <u>10</u> |
| Fluid Type | | |
| Air/mist | 0 | |
| Fresh Water | 5 | |
| TDS >5000 and <10000 | 15 | |
| TDS >10000 or Oil Base | 20 | |
| Mud Fluid containing high levels of hazardous constituents | | <u>5</u> |
| Drill Cuttings | | |
| Normal Rock | 0 | |
| Salt or detrimental | 10 | <u>0</u> |
| Annual Precipitation (inches) | | |
| <10 | 0 | |
| 10 to 20 | 5 | |
| >20 | 10 | <u>0</u> |
| Affected Populations | | |
| <10 | 0 | |
| 10 to 30 | 6 | |
| 30 to 50 | 8 | |
| >50 | 10 | <u>0</u> |
| Presence of Nearby Utility | | |
| Conduits | | |
| Not Present | 0 | |
| Unknown | 10 | |
| Present | 15 | <u>0</u> |
| Final Score (Level II Sensitivity) | | <u>15 points</u> |











State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 10, 2000

Inland Production Company
P.O. Box 790233
Vernal, UT. 84079

Re: S Wells Draw 11-2-9-16 Well, 1980' FSL, 1967' FWL, NE SW, Sec. 2, T. 9 S., R. 16
E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32125.

Sincerely,

John R. Baza
Associate Director

ecc

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company

Well Name & Number: S Wells Draw 11-2-9-16

API Number: 43-013-32125

Lease: State **Surface Owner:** State

Location: NE SW **Sec.** 2 **T.** 9 S. **R.** 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division of the following actions during drilling of this well:

- . 24 hours prior to cementing or testing casing
- . 24 hours prior to testing blowout prevention equipment
- . 24 hours prior to spudding the well
- . within 24 hours of any emergency changes made to the approved drilling program
- . prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if person is not available to take the call):

- . Dan Jarvis at (801) 538-5338
- . Robert Krueger at (801) 538-5274 (plugging)
- . Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for permit to Drill outlined in the Statement of Basis (copy attached).

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: S WELLS DRAW 11-2-9-16

Api No. 43-013-32125 Lease Type: STATE

Section 02 Township 09S Range 16E County DUCHESNE

Drilling Contractor UNION DRILLING RIG # 14

SPUDDED:

Date 04/29/2000

Time 3:30 PM

How DRY HOLE

Drilling will commence _____

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 04/30/2000 Signed: CHD



May 1, 2000

State of Utah
Division of Oil, Gas & Mining
Attn: Carol Daniels
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed Form 5, for the South Wells Draw 11-2-9-16. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.

Sincerely,

PAT WISENER
Drilling Foreman

Enclosures

pw

RECEIVED
MAY 02 2000
DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|--|--|---|--|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. ML - 21839 | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| 3. ADDRESS OF OPERATOR Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721 | | 7. UNIT AGREEMENT NAME N/A | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1967' FWL & 1980' FSL NE/SW | | 8. FARM OR LEASE NAME South Wells Draw #11-2-9-16 | |
| 14 API NUMBER 43-013-32125 | | 9. #11-2-9-16 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5516' | | 10 FIELD AND POOL, OR WILDCAT Monument Butte | |
| 12 COUNTY OR PARISH Duchesne | | 11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 2, T9s, R16E | |
| 13 STATE UT | | | |

| | | | |
|---|--|--|--|
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | | |
| NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (OTHER) <input type="checkbox"/> | | SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <u>Surface Spud</u> <input checked="" type="checkbox"/> | |
| <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small> | | | |

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU UNION RIG # 14. Set equipment. Drill mouse hole & rat hole. Spud well @ 3:30 PM on 4/29/00. Drill 17 1/4" hole and set 23' of 133/8" conductor. Nipple up cellar. Drill 12 1/4" hole with air mist to a depth of 340'. TIH w/ 85/8" J-55 24# csg. Landed @ 300.12 w/KB. Cement with *141sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 2 bbls cement to surface. WOC 4 hours. Break out & Nipple up BOP's. Pressure test Kelly, TIW, Choke manifold, & BOP's TO 2000 psi. Test 85/8" CSG. TO 1500 PSI. ALL TESTED GOOD. Utah DOGM & Vernal District BLM notified by phone.

| | | | |
|---|-------|-------|-------------------------|
| 18 I hereby certify that the foregoing is true and correct | | | |
| SIGNED | | TITLE | Drilling Foreman |
| | | DATE | 05/01/2000 |
| <small>(This space for Federal or State office use)</small> | | | |
| APPROVED BY | TITLE | DATE | |
| CONDITIONS OF APPROVAL, IF ANY: | | | |

* See Instructions On Reverse Side

RECEIVED

MAY 02 2000

DIVISION OF
OIL, GAS AND MINING



May 8, 2000

State of Utah
Division of Oil, Gas & Mining
Attn: Carol Daniels
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed Form 5, for the South Wells Draw 11-2-9-16. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.

Sincerely,

PAT WISENER
Drilling Foreman

Enclosures

pw

RECEIVED

MAY 10 2000

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8"

CASING SET AT

300.12

LAST CASING _____ SET AT _____

OPERATOR INLAND PRODUCTION COMPANY

DATUM 10' KB

WELL SWD 11-2-9-16

DATUM TO CUT OFF CASING _____

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # UNION RIG 14

TD DRILLER 340' LOGGER _____

HOLE SIZE 12 1/4"

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
|-----------------------------|--------|---------------------------|---------|--|--------|-------|---------------|
| | | LANDING JT | | | | | 12.4 |
| | | | | | | | |
| | | WHI " 92 " CSG HEAD | | | 8rd | A | 0.95 |
| 7 | 8 5/8" | Maverick ST & C CSG | 24 # | J-55 | 8rd | A | 288.27 |
| | | SHOE - GUIDE | | | 8rd | A | 0.9 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 302.52 |
| TOTAL LENGTH OF STRING | | 302.52 | 7 | LESS CUT OFF PIECE | | | 12.4 |
| LESS NON CSG. ITEMS | | 14.25 | | PLUS DATUM TO T/CUT OFF CSG | | | 10 |
| PLUS FULL JTS. LEFT OUT | | 0 | 0 | CASING SET DEPTH | | | 300.12 |
| TOTAL | | 288.27 | 7 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 288.27 | 7 | | | | |
| TIMING | | 1ST STAGE | | GOOD CIRC THRU JOB <u>YES</u> | | | |
| BEGIN RUN CSG. | | 4:30 AM | | Bbls CMT CIRC TO SURFACE <u>7 bbls cmt</u> | | | |
| CSG. IN HOLE | | 5:00 AM | | RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE | | | |
| BEGIN CIRC | | 5:24 AM | | DID BACK PRES. VALVE HOLD ? <u>N/A</u> | | | |
| BEGIN PUMP CMT | | 5:37 AM | | BUMPED PLUG TO _____ 108 _____ PSI | | | |
| BEGIN DSPL. CMT | | 5:45 AM | | | | | |
| PLUG DOWN | | 6:00 AM | | | | | |

| CEMENT USED | | CEMENT COMPANY- <u>BJ</u> |
|--|------|---|
| STAGE | # SX | CEMENT TYPE & ADDITIVES |
| 1 | 141 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield |
| 2 | | |
| 3 | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | SHOW MAKE & SPACING |
| 1 on middle of first JT, 1 on collar of the second & third JT. TOTAL 3 | | |
| | | |
| | | |

RECEIVED
 MAY 02 2000
 DIVISION OF
 OIL, GAS AND MINING

COMPANY REPRESENTATIVE

Gary Dietz

DATE 04/30/2000

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 2 BOX 3623
MOUNTAIN, UT 84052

OPERATOR ACCT NO: N5160

| ACTION CODE | CURRENT ENTITY NO | NEW ENTITY NO | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|--|-------------------|---------------|--------------|----------------------------|---------------|----|----|-----|----------|----------------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 12719 | 43-013-32125 | South Wells Draw 11-2-8-16 | NESW | 2 | 9S | 16E | Duchesne | April 29, 2000 | |
| WELL 1 COMMENTS: Union rig #14 spud at 3:30pm <i>000515 entity added.</i> | | | | | | | | | | | |
| ACTION CODE | CURRENT ENTITY NO | NEW ENTITY NO | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 12720 | 43-013-32128 | South Wells Draw 14-2-8-16 | SESW | 2 | 9S | 16E | Duchesne | May 7, 2000 | |
| WELL 2 COMMENTS: Union rig #14 spud at 12:00pm <i>000515 entity added.</i> | | | | | | | | | | | |
| ACTION CODE | CURRENT ENTITY NO | NEW ENTITY NO | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |
| WELL 3 COMMENTS: | | | | | | | | | | | |
| ACTION CODE | CURRENT ENTITY NO | NEW ENTITY NO | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |
| WELL 4 COMMENTS: | | | | | | | | | | | |
| ACTION CODE | CURRENT ENTITY NO | NEW ENTITY NO | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |
| WELL 5 COMMENTS: | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or individual well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Cole Mathisen
Signature

Production Clerk
Title

May 9, 2000
Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|--|--|---|-----------------------|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. ML - 21839 | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| 3. ADDRESS OF OPERATOR Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721 | | 7. UNIT AGREEMENT NAME N/A | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1967' FWL & 1980' FSL NE/SW | | 8. FARM OR LEASE NAME South Wells Draw #11-2-9-16 | |
| 14 API NUMBER 43-013-32125 | | 9. #11-2-9-16 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5516' | | 10. FIELD AND POOL, OR WILDCAT Monument Butte | |
| | | 11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 2, T9s, R16E | |
| | | 12 COUNTY OR PARISH Duchesne | 13 STATE UT |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> | (OTHER) <u>Weekly Status</u> | <input checked="" type="checkbox"/> |
| (OTHER) <input type="checkbox"/> | <input type="checkbox"/> | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drill a 7 7/8" hole to a depth of 3800' with air mist system. TOH with drill string & BHA. PU & MU bit#4, MM, drill string.
Drill a 7 7/8" hole to a depth of 5812' with water based mud. Lay down drill string, BHA. Open hole log. PU & MU 136 JT's 4
1/2" 11.6# J-55 CSG. Set @ 5809.74 KB. Cement with *350 sks Prem Lite II w/ 10% GEL. & 3% KCL mixed @
11.0ppg>3.43YLD. *500 sks 50/50 POZ w/ 2% GEL. & 3% KCL mixed @ 14.4ppg>1.24YLD. Good circulation & returns
with 5 bbls cement to surface. Plug down @ 2:09 am on 5/6/00.
Nipple down BOP's. Drop slips with 57,000#. Release rig @ 6:00pm on 5/6/00. WOC

| | | | |
|--|-------------------------------|------------------------|--|
| 18 I hereby certify that the foregoing is true and correct | | | |
| SIGNED <u>DAW</u> | TITLE <u>Drilling Foreman</u> | DATE <u>05/08/2000</u> | |

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

RECEIVED

MAY 10 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/SW 1967' FWL, 1980' FSL Sec. 2, T9S, R16E

5. Lease Designation and Serial No.

ML-21839

6. If Indian, Allottee or Tribe Name

NA

7. If unit or CA, Agreement Designation

8. Well Name and No.

S. Wells Draw State 11-2

9. API Well No.

43-013-32125

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment Notice

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing repair

☐ Water Shut-off

☐ Altering Casing

☒ Conversion to Injection

☐ Other _____

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct

Signed

Joyce J. McGough

Title

Regulatory Specialist

Date

1/12/01

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**ATTACHMENT F
WATER ANALYSIS**

WE WERE UNABLE TO DO A WATER ANALYSIS – THIS WELL WAS NEVER COMPLETED
AS A PRODUCER.

S. WELLS DRAW #11-2



February 1, 2001

Mr. Brad Hill
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

Re: Conversion of two (2) Additional Wells to
South Monument Butte Area Permit
Class II Injection Conversion

South Wells Draw State #11-2

NESW Sec. 2, T9S, R16E
Duchesne County, Utah

43-013-32125
213-7.4

South Wells Draw State #15-2

SWSE Sec. 2, T9S, R16E
Duchesne County, Utah

43-013-31932
213-7.5

Dear Mr. Hill,

I have enclosed some information that was missing from the original permit applications for each of the above captioned wells; specifically, the water information we were waiting for, and a Notice of Intent. Please forgive the oversight!

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures



January 16, 2001

Mr. Brad Hill
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

Re: Conversion of two (2) Additional Wells to
South Monument Butte Area Permit
Class II Injection Conversion

South Wells Draw State #11-2

NESW Sec. 2, T9S, R16E
Duchesne County, Utah

South Wells Draw State #15-2

SWSE Sec. 2, T9S, R16E
Duchesne County, Utah

Dear Mr. Hill,

This is a letter of request to include the above listed South Wells Draw wells to the area permit for the South Monument Butte Unit. I have enclosed the complete Permit Applications for each well. Copies of all logs are already on file with the State of Utah's Division of oil, Gas and Mining.

If additional information is needed, please do not hesitate to contact me at the number given on our letterhead.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: South Wells Draw #11-2-9-16
Field or Unit name: Monument Butte (Green River) S. Wells Draw Unit Lease No. ML-21839
Well Location: QQ NESW section 2 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []

Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]

Is this application for a new well to be drilled? Yes [] No [X]

If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]

Date of test: _____
API number: 43-013-32125

213-7.4

Proposed injection interval: from 4269' to 5310'
Proposed maximum injection: rate 500 bpd pressure _____ psig (to be determined with testing)
Proposed injection zone contains [X] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: "A through H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Joyce I. McGough Signature Joyce I. McGough
Title Regulatory Specialist Date 01/09/01
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

SOUTH WELLS DRAW FEDERAL #11-2-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

SOUTH WELLS DRAW UNIT

LEASE #ML-21839

JANUARY 8, 2001

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| WORK PROCEDURE FOR INJECTION CONVERSION | |
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South Wells Draw #11-2-9-16

Spud Date: 4/29/2000
Put on Injection: --/--
GL: 5516' KB: 5526'

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. 302.52'
DEPTH LANDED: 300.12'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt

FRAC JOB

Waiting on Completion 11/2/2000

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 136 jts. (5810.87')
DEPTH LANDED: 5808.47'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem Lite II & 500 sxs 50/50 POZ
CEMENT TOP AT: ? 170

TUBING

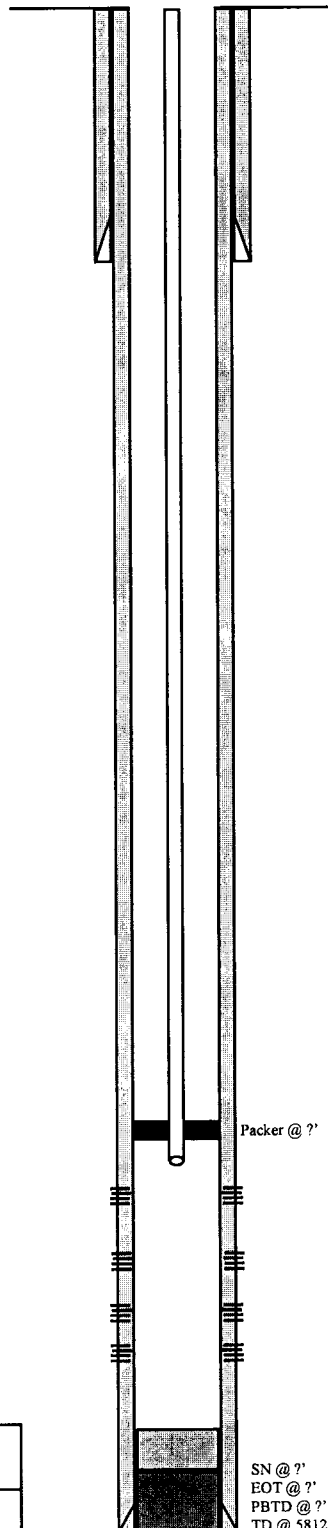
SIZE/GRADE/WT.: Waiting on Completion 11/2/2000
NO. OF JOINTS:
PACKER:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

PERFORATION RECORD

Waiting on Completion 11/2/2000
Suggested perfs are:

4269'-4275'
4329'-4332'
4804'-4806'
4947'-4953'
5103'-5110'



Inland Resources Inc.

South Wells Draw #11-2-9-16

1967 FWL 1980 FSL

NESW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32125; Lease #ML-21839

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the S. Wells Draw Fed #11-2-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the S. Wells Draw Federal #11-2-9-16 well, the proposed injection zone is from 4269' - 5310'. The confining stratum directly above and below the injection zones is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4759'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the S. Wells Draw Fed #11-2-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #ML-21839) in the Monument Butte (Green River) Field, South Wells Draw Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 300' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5808' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will be determined upon testing.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient (estimated) for the S. Wells Draw Fed #11-2-9-16, for proposed zones (4269' - 5310') calculates at 0.72 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure will be determined upon testing.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the S. Wells Draw Fed #11-2-9-16, the injection zone (4269' - 5310') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-5.

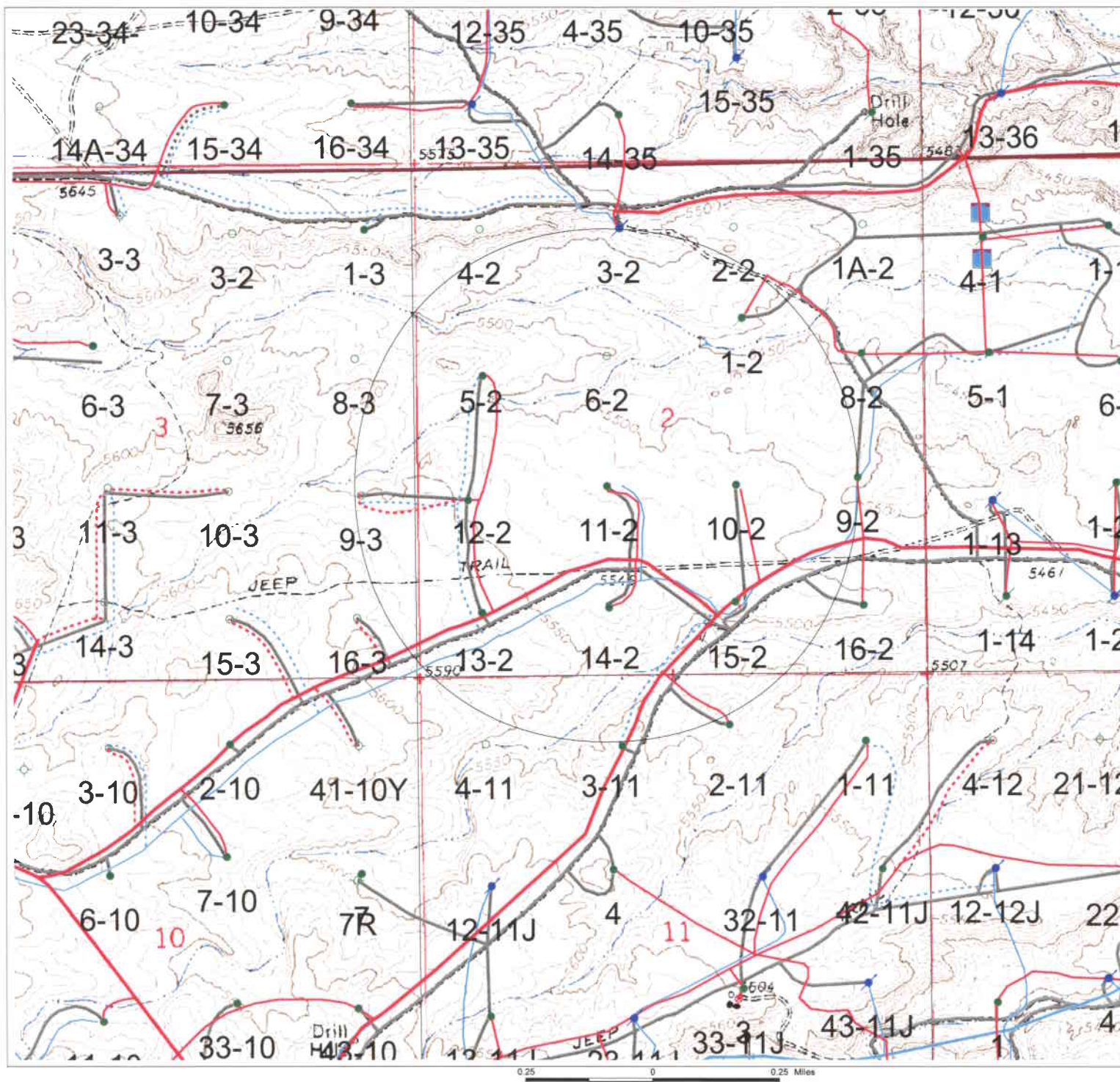
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Inland Production Company will supply any requested information to the Board or Division.



- 0.5-radius.shp
- Water Taps
- Well Categories
- INJ
 - WTR
 - SWD
 - ORL
 - GAS
 - DRY
 - SHUTIN
 - SUSPENDED
 - ABND
 - LOC

Attachment
"A"
REVISED

- Compressor Stations
- Gas 10 Inch
 - Gas 8 Inch and larger
 - Proposed 6 Inch Gas
 - Gas 4 Inch and Smaller
 - Proposed Gas
 - Gas Buried
 - Petroglyph Gasline
 - Questar Gasline
 - Compressors - Other
- Gas Meters
- Water 6 Inch
 - Water 4 Inch
 - Water 4 Inch - High Pressure
 - Water 4 Inch Poly
 - Water 2 to 3 Inch
 - Proposed Water
 - Johnson Water Line
- Injection Stations
- Pump Stations
 - Roads (Digitized)
 - Paved
 - Dirt
 - Proposed
 - Two Track
 - Private



Monument Butte 11-2-9-16
Sec. 2-T9S-R16E
1/2 Mile Radius

Inland
410 17th Street Suite 200
Denver, Colorado 80202
Phone: (303) 263-0102

Uhrta Basin
UHRTA BASIN, UTAH
Deer Creek & Utah Counties, Utah

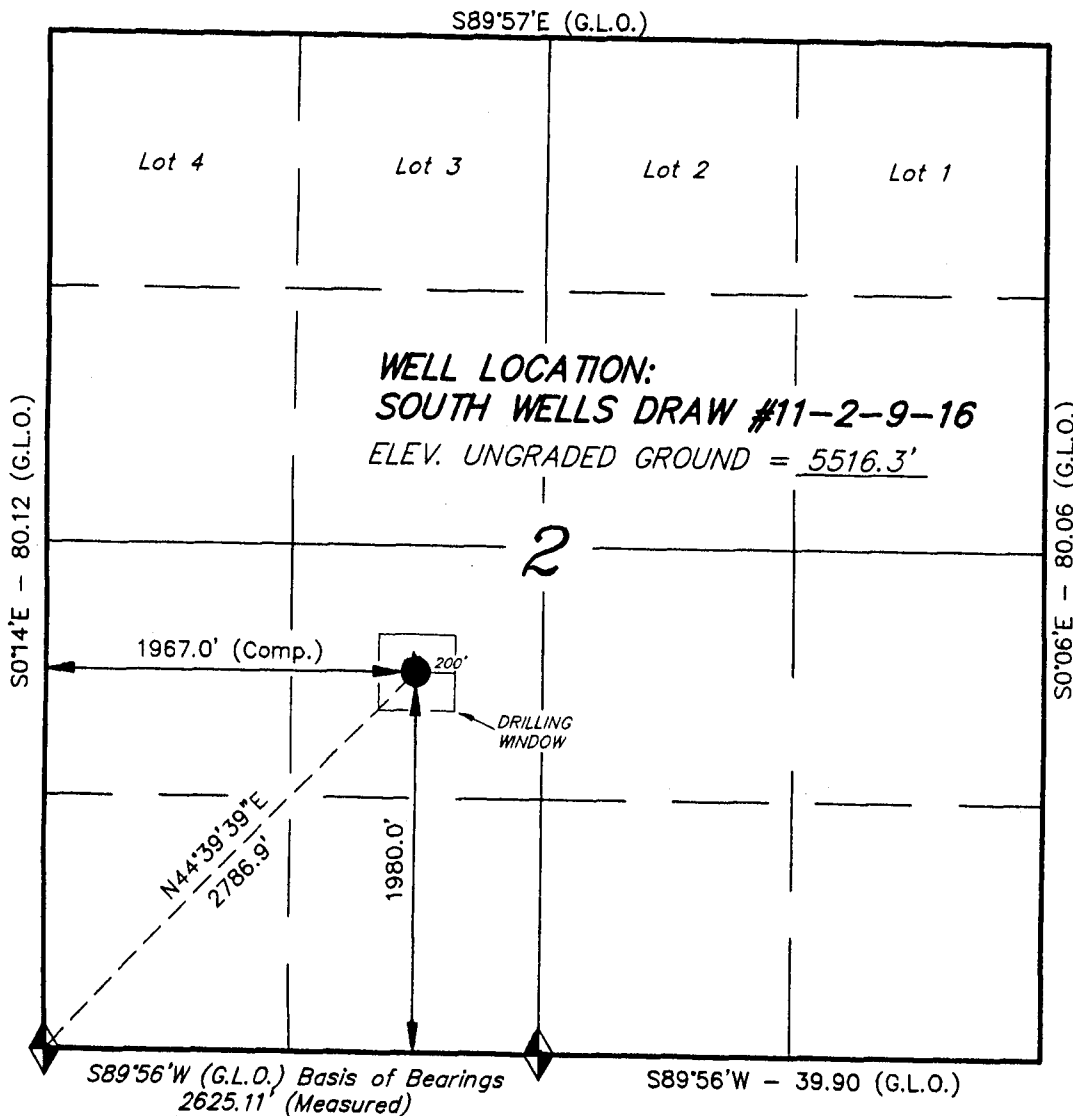
Map 11-2-9-16

T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, SOUTH WELLS DRAW
#11-2-9-16, LOCATED AS SHOWN IN THE
NE 1/4 SW 1/4 OF SECTION 2, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF

GENE STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 144102
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-31-98

WEATHER: FAIR

NOTES:

FILE #

Attachment B

Page 1

| # | Land Description | Minerals Ownership & Expires | Minerals Leased By | Surface Rights |
|---|--|---------------------------------|--|---------------------------|
| 1 | <u>Township 9 South, Range 16 East</u> Section 2: All | ML-21839 HBP | Inland Production Company Key Production Co. Inc. | (Surface Rights) STATE |
| 2 | <u>Township 9 South, Range 16 East</u> Section 3: SE/4 Section 4: SE/4SW/4 Section 8: SW/4NE/4, SE/4 Section 9: SW/4SW/4 Section 17: NE/4 Section 18: Lots 3, 4, E/2SW/4, SE/4 Section 19: Lots 1, 2, NE/4, E/2NW/4 Section 21: N/2 Section 22: W/2NE/4, SE/4NE/4, NW/4 | UTU-64379 HBP | Inland Production Company Yates Petroleum Corporation Yates Drilling Company Myco Industries, Inc. Abo Petroleum Corporation | (Surface Rights) USA |
| 3 | <u>Township 9 South, Range 16 East</u> Section 3: Lots 1, 2, S/2NE/4 | UTU-72103 HBP | Coastal Oil & Gas Company | (Surface Rights) USA |

Attachment B

| # | Land Description | Minerals Ownership & Expires | Minerals Leased By | Surface Rights |
|---|--|---------------------------------|---------------------------|-------------------------|
| 4 | <u>Township 9 South, Range 16 East</u> Section 11: E/2, NW/4, NE/4SW/4 Section 12: NW/4 Section 14: N/2NE/4, SE/4NE/4, NE/4SE/4 | U-096550 HBP | Inland Production Company | (Surface Rights) USA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
S. Wells Draw Fed #11-2-9-16

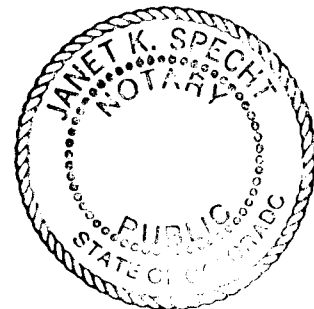
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Bill Pennington
Inland Production Company
Bill Pennington
Chief Executive Officer

Sworn to and subscribed before me this 15th day of January, 2001.

Notary Public in and for the State of Colorado: Janet K. Specht

My Commission Expires: 7/16/01



South Wells Draw #11-2-9-16

Spud Date: 4/29/2000
Put on Injection: N/A
GL: 5516' KB: 5526'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. 302.52'
DEPTH LANDED: 300.12'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt

FRAC JOB

Waiting on Completion 11/2/2000

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 136 jts. (5810.87')
DEPTH LANDED: 5808.47'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem Lite II & 500 sxs 50/50 POZ
CEMENT TOP AT: ?

CBL

TUBING

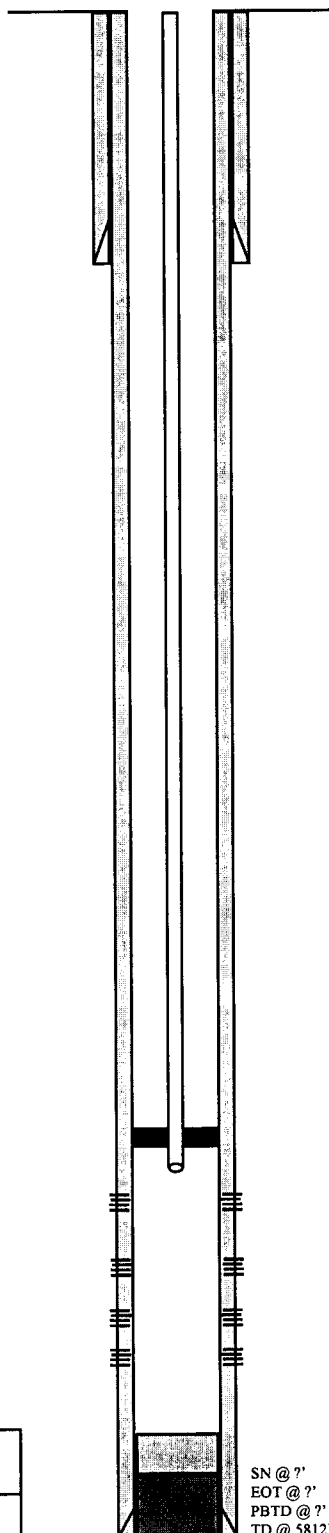
SIZE/GRADE/WT.: Waiting on Completion 11/2/2000
NO. OF JOINTS:
PACKER:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

PERFORATION RECORD

Waiting on Completion 11/2/2000
Suggested perfs are:

4269'-4275'
4329'-4332'
4804'-4806'
4947'-4953'
5103'-5110'



SN @ 7'
EOT @ 7'
PBTD @ 7'
TD @ 5812'



Inland Resources Inc.

South Wells Draw #11-2-9-16

1967 FWL 1980 FSL

NESW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32125; Lease #ML-21839

Monument Butte State #1-2

Wellbore Diagram

Well History:

8-25-81 Spud Well

9-29-81 Perf: 5328, 5326, 5157, 5116, 5114, 5113, 5029, 5027, 4998, 4987, 4826, 4825, 4824, 4781, 4779, 4662, 4661, 4660, 4652, 4651

9-30-81 Frac A-3, B-2, C-SD, D-1 and stray sd as follows:
6000 gal 7-1/2% HCL w/35 ball
7000 gal gelled diesel pad
3500 gal 1 ppg 20/40 sd
3500 gal 2 ppg 20/40 sd
3500 gal 3 ppg 20/40 sd
3500 gal 4 ppg 20/40 sd
3500 gal 2 ppg 10/20 sd
3500 gal 3 ppg 10/20 sd
Totals 34,000 gal, 35,000# 20/40 sd, 17,500# 10/20 sd
Breakdown @ 3000#
ISI{ 2150#, after 10 min 1450#

10-4-81 Perf: 4,534'-4,544'

10-6-81 Frac PB-10 zone as follows:
Frac well with gelled diesel
3000 gal 7-1/2% HCL
2500 gal 1 ppg 20/40 sd
2500 gal 2 ppg 20/40 sd
2500 gal 3 ppg 20/40 sd
2500 gal 4 ppg 20/40 sd
2000 gal 2 ppg 10/20 sd
Total 15,000 gal, 25,000# 20/40 sd, 2,000# 10/20 sd
Avg rate 12 BBLs/min @ 3200#
ISIP 2600, after 5 min 2500#

2-21-85 Perf: 4,317'-4,334', 4,342'-4,350'

2-22-85 Frac GB-6 zone as follows:
12000 gal pad
2000 gal 2 ppg 20/40 sd
3000 gal 4 ppg 20/40 sd
4000 gal 5 ppg 20/40 sd
6000 gal 6 ppg 20/40 sd
6000 gal 8 ppg 20/40 sd
Total 33,000 gal gel, 118,000# 20/40 sd

GL: 5,457'

KB: 5470' (12' KB)

Surface Hole Size: 12 1/4"

Hole Size: 7 7/8"

8-5/8" 23# csg @ 300'

Rods: 1-1/4" x 22' polished rod, 1 - 2' x 3/4" pony, 58 - 3/4" scraped, 123 - 3/4" plain, 20 - 3/4" scraped, 3 - 1-1/2" weight rods.

2-1/2" x 1-1/2" x 15' RHAC pump

50" SL @ 6 SPM

5-12" 15.5# & 14# J-55 @ 5,461'
TOC 3282

2-7/8" 6.5# J-55 tbg

141 jts tbg 4610.74'

TA 2.80' @ 4622.74'

16 jts tbg @ 518.99'

SN 1.10' @ 5144.53'

1 jt tbg @ 32.70'

2-7/8" NC .45' @ 5178.78' KB

Perf's: 4,317'-34' (10 holes), 4,342'-50' (5 holes) (GB-6)

Perf's: 4,534'-44' 2 SPF/20 holes (PB-10)

Tubing anchor @ 4,623'

Perf's: 4,651'-52', 4,660'-62' (Stray)

Perf's: 4,779'-81' (D-1)

Perf's: 4,824'-26' (C-SD)

Perf's: 4,986'-88', 5,027'-29' (Stray)

Perf's: 5,113'-16', 5,157' (B-2)

Perf's: 5,326'-28' (A-3)

SN @ 5,145'

EOT @ 5,179'

Sand Top @ 5157'

PBTD @ 5,419'

TD @ 5,461'



Inland Resources Inc.

Monument Butte State #1-2

1605 FNL 1908 FEL

SWNE Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-30596, Lease #U-21839

Monument Butte State #9-2

Spud Date: 4/28/96
Put on Production: 5/31/96
GL: 5492' KB: 5505'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.70'
DEPTH LANDED: 292.75'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sks Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5618.99')
DEPTH LANDED: 5608'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hyfill mixed & 265 sks thixotropic
CEMENT TOP AT: Surface per CBL

996
✓

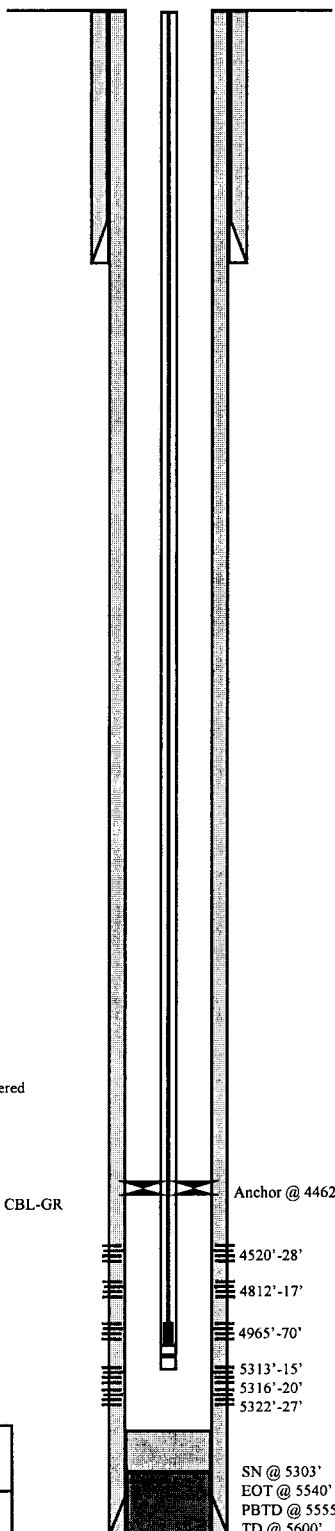
TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 173 jts
TUBING ANCHOR: 4462'
TOTAL STRING LENGTH: 5397'
SN LANDED AT: 5303'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-3/4" scraped, 107-3/4" slick rods, 95-3/4" scraped
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 2"
PUMP SPEED, SPM: 6-1/2 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Wellbore Diagram



Initial Production: 103 BOPD,
385 MCFPD, 3 BWPD

FRAC JOB

5/20/96 5313'-5327' **Frac A-3 sand as follows:**
73,000# of 20/40 sd in 445 bbls Boragel, brokedown @ 3650 psi. Treated @ avg rate 20.3 bpm, avg press 1850 psi. ISIP-2042 psi, 5-min SI 1978 psi. Flowback after 5 min on 16/64 ck @ 1.6 bpm.

5/22/96 4812'-4970' **Frac C and D-1 zones as follows:**
103,800# of 20/40 sd in 545 bbls Boragel. Breakdown @ 2690# treated @ avg rate of 30.5, avg press 2200#. ISIP-2121 psi, 5-min 2052 psi. Flowback after 5 min on 16/64" ck @ 1.6 bpm.

5/24/96 4520'-4528' **Frac PB-10 zone as follows:**
78,800# of 20/40 sd in 431 bbls Boragel. Breakdown @ 3051# treated @ avg rate of 16.5 bpm, avg press 2200#. ISIP-3090 psi, 5-min SI 3046 psi. Flowback on 16/64" ck.

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 5/18/96 | 5313'-5315' | 4 JSPF | 8 holes |
| 5/18/96 | 5316'-5320' | 4 JSPF | 16 holes |
| 5/18/96 | 5322'-5327' | 4 JSPF | 20 holes |
| 5/21/96 | 4965'-4970' | 2 JSPF | 10 holes |
| 5/21/96 | 4812'-4817' | 2 JSPF | 10 holes |
| 5/23/96 | 4520'-4528' | 4 JSPF | 32 holes |



Inland Resources Inc.

Monument Butte State #9-2

2058 FSL 713 FEL

NESE Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-31555; Lease #ML-21839

Monument Butte State #10-2

Spud Date: 10/9/96
 Put on Production: 2/13/97
 GL: 5515' KB: 5528'

Initial Production: 102 BOPD,
 120 MCFPD, 11 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.51')
 DEPTH LANDED: 293.91' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium Plus cmt, est 10 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5895.61')
 DEPTH LANDED: 5893.61'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 355 sks Hibond mixed & 340 sks thixotropic
 CEMENT TOP AT: 827' per CBL

1030

TUBING

SIZE/GRADE/WT.: 2-7/8" / LS / 6.5#
 NO. OF JOINTS: 188 jts
 TUBING ANCHOR: 5648'
 TOTAL STRING LENGTH: ? (EOT @ 5746')
 SN LANDED AT: 5682'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scraped, 123-3/4" plain rods, 97-3/4" scraped
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15 RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

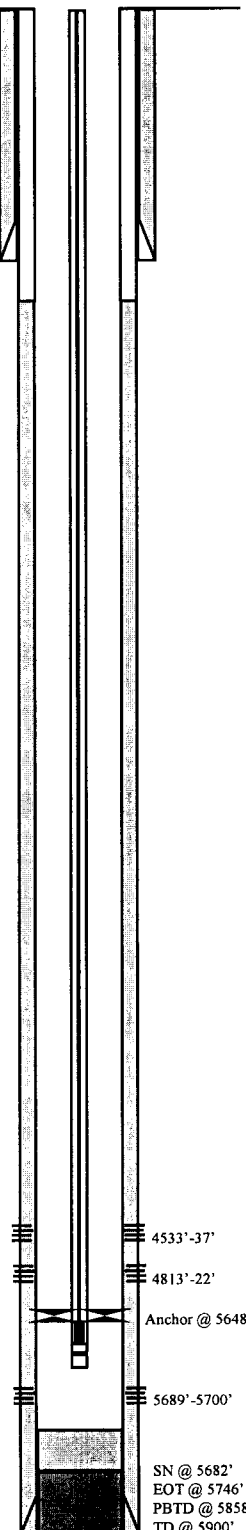
2/5/97 5689'-5700' **Frac CP-1 sand as follows:**
 112,700# of 20/40 sand in 568 bbls of
 Boragel. Breakdown @ 3720 psi. Treated
 @ avg rate of 24.1 bpm w/avg press of
 1450 psi. ISP-2223 psi, 5-min 1974 psi.
 Flowback on 12/64" ck for 2 hours and
 died.

2/7/97 4813'-4822' **Frac D-1 sand as follows:**
 87,500# of 20/40 sand in 492 bbls of
 Boragel. Breakdown @ 3750 psi. Treated
 @ avg rate of 23.8 bpm w/avg press of
 2100 psi. ISIP-2526 psi, 5-min 2537
 psi. Flowback on 12/64" ck for 5 hours
 and died.

2/10/97 4533'-4537' **Frac PB-10 zone as follows:**
 98,400# of 20/40 sand in 529 bbls of
 Boragel. Breakdown @ 3000 psi. Treated
 @ avg rate of 20 bpm w/avg press of
 2450 psi. ISIP-3860 psi, 5-min 3794 psi.
 Flowback on 12/64" ck for 15 min and
 died.

PERFORATION RECORD

2/4/97 5689'-5700' 4 JSPF 44 holes
 2/6/97 4813'-4822' 4 JSPF 36 holes
 2/8/97 4533'-4537' 4 JSPF 16 holes



Inland Resources Inc.

Monument Butte State #10-2

1980 FSL 1980 FEL

NWSE Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-31565; Lease #ML-21839

South Wells Draw State #14-2-9-16

Spud Date: 5/27/2000
Put on Production: 6/05/2000
GL: 5547' KB: 5557'

Initial Production: 199 BOPD,
248 MCFD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (30.71")
DEPTH LANDED: 305.71'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5800.39')
DEPTH LANDED: 5798'
HOLE SIZE: 7-7/8"
CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

839

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts
TUBING ANCHOR: 5235'
SEATING NIPPLE: 2-3/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5362'
SN LANDED AT: 5299'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1-1/2" weight bars, 10 -3/4" scraped rods, 107 - 3/4" plain rods, 90 - 3/4" scraped rods, 1-4'-3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 14-1/2" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4.5
LOGS: Dual Lateralog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

5/23/00 5282'-5290' **Frac A sandS as follows:**
75,200# 20/40 sand in 477 bbls Viking 1-25 Fluid. Perfs brk back @ 2770 psi. Treated @ avg press of 1500 psi w/ avg rate of 28 BPM. ISIP - 1960 psi, 5 min - 1625 psi. RD BJ. Flow back A sd frac on 12/64 choke for 3 hrs & died. Rec 99 BTF

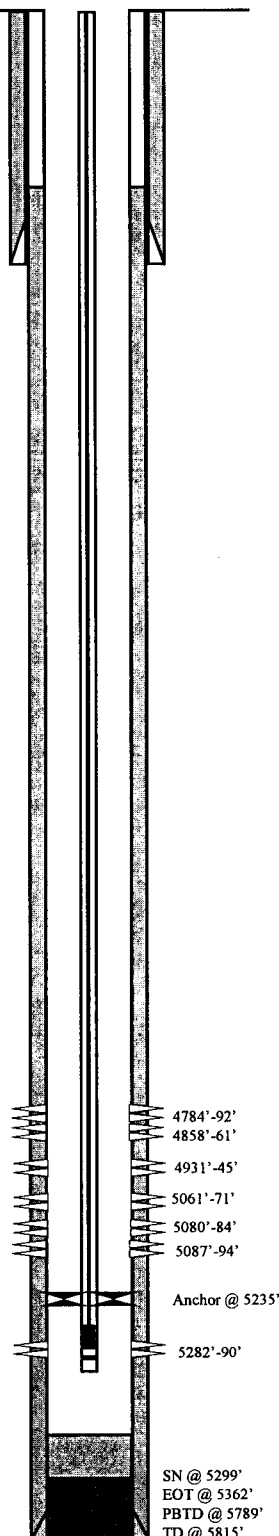
5/25/00 5061'-5094' **Frac B sand as follows:**
3000 gals of Viking 1-25 pad, 75,200 lbs white 20/40 sand in 11,000 gals Viking 1-25 fluid. 5040 gals flush. Broke down at 2650 psi. 1600 psi avg. ISIP 2150 psi. 5 min 1839 psi. 477 total bbls pumped. RD BJ. Flow frac back @ .6 bpm avg rate. 54 bbls in 1.5 hrs.

5/30/00 4931'-4945' **Frac C sand as follows:**
72,057# 20/40 sd in 430 bbls Viking 1-25 fluid. Hole filled w/114 bbls. Perfs broke dn @ 1970 psi. Treated @ avg rate of 26.8 BPM w/ avg press of 2500 psi. Screened out w/ 8.5# sd on perfs w/3822 gals flushed (1104 gals short of top perf). ISIP 3320#, 5 min 2651#. RD BJ. Flowback frac on 12/64" chk for 2 hrs & died. Rec 50 BTF

6/01/00 4784'-4861' **Frac D-1 sand as follows:**
78,043# 20/40 sand in 484 bbls Viking 1-25 fluid. Hole filled w/110 bbls. Perfs broke dn @ 2644 psi. Treated @ avg rate of 29 BPM w/avg press of 1800 psi. ISIP: 2010 psi, 5-min: 1883 psi. RD BJ. Flowback frac on 12/64" chk for 3 hrs and died. Rec 110 BTF

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 5/22/00 | 5282'-5290' | 4 JSPF | 32 holes |
| 5/24/00 | 5061'-5071' | 4 JSPF | 40 holes |
| 5/24/00 | 5080'-5084' | 4 JSPF | 16 holes |
| 5/24/00 | 5087'-5094' | 4 JSPF | 28 holes |
| 5/26/00 | 4931'-4945' | 4 JSPF | 56 holes |
| 5/31/00 | 4784'-4792' | 4 JSPF | 32 holes |
| 5/31/00 | 4858'-4861' | 4 JSPF | 12 holes |



Inland Resources Inc.

South Wells Draw State #14-2-9-16

725 FSL 1980 FWL

SESW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32128; Lease #ML-21839

South Wells Draw State #15-2-9-16

Spud Date: 4/22/2000
Put on Production: 6/05/2000
GL: 5527' KB: 5537'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (30.71")
DEPTH LANDED: 307.31'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 136 jts. (5810.87')
DEPTH LANDED: 5808.47'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sk Prem. Lite II mixed & 500 sxs 50/50 POZ.
CEMENT TOP AT: 217' per CBL

248

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#
NO. OF JOINTS: 160 jts
TUBING ANCHOR: 5166'
SEATING NIPPLE: 2-3/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5363'
SN LANDED AT: 5298'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1-1/2" weight bars, 10 - 3/4" scraped rods, 107 - 3/4" plain rods, 89 - 3/4" scraped rods, 1-8", 1-6", 1-4", 1-2'-3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5
LOGS: Dual Lateralog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

5/22/00 5202'-5287' **Frac A-1 & 3 sand as follows:**
75,000# 20/40 sand in 412 bbls Viking 1-25 Fluid. Perfs brk back @ 2520 psi @ 5.5 BPM. Treated @ avg press of 2300 psi w/ avg rate of 30 BPM. ISIP - 2900 psi, 5 min - 2060 psi. RD BJ. Flow back A sd frac on 12/64 choke for 1 hr & died. Rec 16 BTF

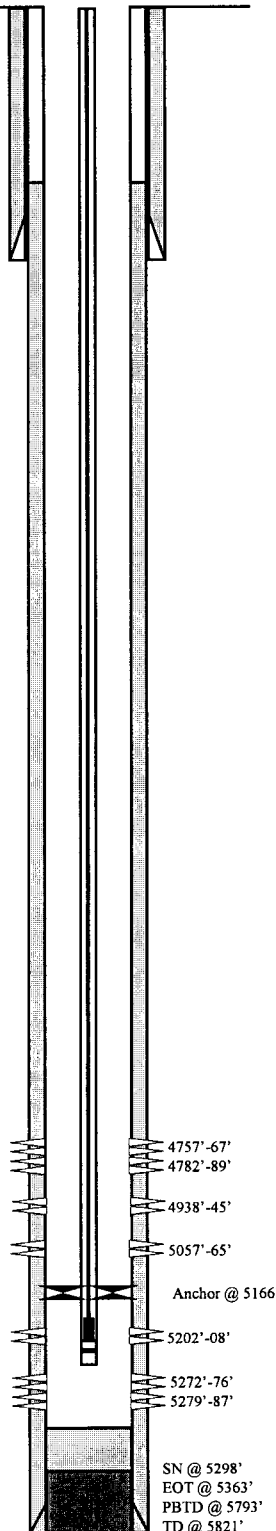
5/25/00 5057'-5065' **Frac B-2 sand as follows:**
3000 gals of Viking 1-25 pad, 54,020 lbs white 20/40 sand in 8000 gals Viking 1-25 fluid. 3234 gals flush. 3801 psi break down. 2000 psi avg. 27 bmp max, 27 bmp avg. ISP 2350 psi. 5 min 2174 psi. 352 total bbls pumped. RD BJ Services. Flow frac back @ 1/4 bmp avg rate. 45 bbls in 3 hrs.

5/30/00 4938'-4945' **Frac C sand as follows:**
54,239# 20/40 sd in 330 bbls Viking 1-25 fluid. Hole filled w/ 60 bbls. Perfs broke dn @ 2260 psi. Treated @ avg rate of 24.4 BPM w/ avg press of 2100 psi. Screened out w/ 8.5# sd on perfs w/ 2352 gals flushed (862 gals short of top perf). Est 49,622 # sd in formation & 4617# sd left in csg. RD BJ. Flowback frac on 12/64" chk for 1 hr & died. Rec 18 BTF

6/01/00 4757'-4789' **Frac D-1 sand as follows:**
54,010# 20/40 sand in 323 bbls Viking 1-25 fluid. Hole filled w/ 67 bbls. Perfs broke dn @ 3388 psi. Treated @ avg rate of 29.4 BPM w/ avg press of 2000 psi. ISIP: 2080 psi, 5-min: 1951 psi. RD BJ. Flowback frac on 12/64" chk for 2 hrs and died. Rec 94 BTF

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 5/22/00 | 5279'-5287' | 4 JSPF | 32 holes |
| 5/22/00 | 5272'-5276' | 4 JSPF | 16 holes |
| 5/22/00 | 5202'-5208' | 4 JSPF | 24 holes |
| 5/24/00 | 5057'-5065' | 4 JSPF | 32 holes |
| 5/26/00 | 4938'-4945' | 4 JSPF | 28 holes |
| 5/31/00 | 4757'-4767' | 4 JSPF | 40 holes |
| 5/31/00 | 4782'-4789' | 4 JSPF | 28 holes |



Inland Resources Inc.

South Wells Draw State #15-2-9-16

778 FSL 1996 FEL

SWSE Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-31567; Lease #ML-21839

South Wells Draw #5-2

Spud Date: 10/30/2000
Put on Production: 12/23/2000
GL: 5522' KB: 5532'

Initial Production: 97.5 BOPD,
143.3 MCFD, 18.3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.82')
HOLE SIZE: 12-1/4"
CEMENT DATA: 155 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 130 jts (5828')
HOLE SIZE: 7-7/8"
TOTAL DEPTH: 5839'
CEMENT DATA: 275 sk Prem. Lite II mixed & 500 sxs 50/50 POZ.
CEMENT TOP AT: ? per CBL

3156

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5662.80')
TUBING ANCHOR: 5672.80'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5742.15'
SN LANDED AT: 5708.14' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 4-1-1/2" weight rods, 10 - 3/4" scraper rods, 123 - 3/4" slick rods, 90 - 3/4" scraper rods, 1-2', 1-6', 1-8' pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5 RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4.5
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL

FRAC JOB

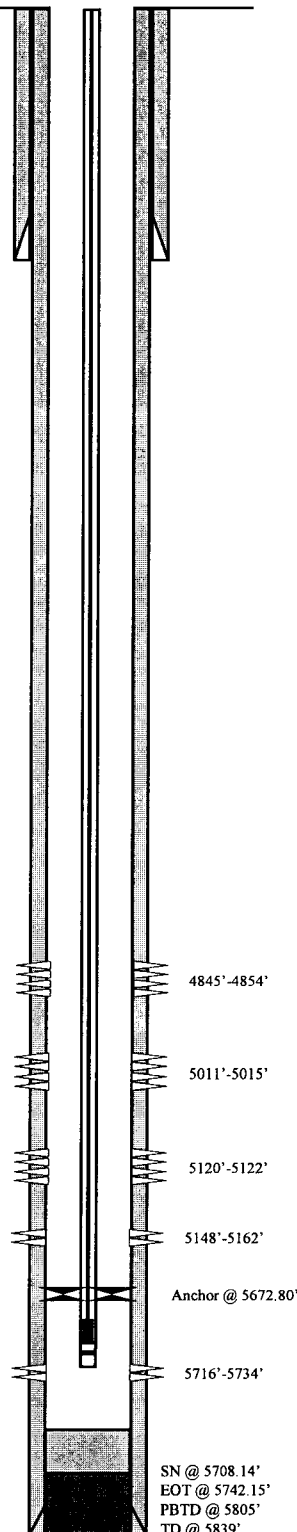
12/18/00 5716'-5734' **Frac CP-1 sands as follows:**
82,080# 20/40 sand in 603 bbls Viking I-25 fluid. Perfs broke down @ 4413 psi. ISIP 2080 psi.

12/18/00 5148'-5162'
5120'-5122'
5011'-5015' **Frac B2 & C sands as follows:**
Set plug at 5205'.
91,660# 20/40 sand in 611 bbls Viking I-25 fluid. ISIP 2125 psi, flow back on 12/64 choke @ 1 BPM.

12/19/00 4845'-4854' **Frac D-1 sands as follows:**
Set plug at 4948'.
Perfs wont break, so treat W/ 15 gal acid, try again, still wont break, dump 15 more gal acid, still wont break. Re-perf zone 4845'-4854'. Dump 15 gal acid, perfs break at 4800psi. Frac with 48,300# 20/40 sand in 403 bbls Viking I-25 fluid. Perfs broke down @ 3653 psi. Treated @ 1850 psi at 26.5 BPM. ISIP 2160 psi. Flow back on 12/64" choke for 3 hrs. then died.

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 2/18/00 | 5716'-5734' | 4 JSPF | 72 holes |
| 2/18/00 | 5148'-5162' | 4 JSPF | 56 holes |
| 2/18/00 | 5120'-5122' | 4 JSPF | 8 holes |
| 2/18/00 | 5011'-5015' | 4 JSPF | 16 holes |
| 2/19/00 | 4845'-4854' | 4 JSPF | 72 holes |



Inland Resources Inc.

South Wells Draw #5-2-9-16

2170' FNL & 675' FWL

SWNW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32124; Lease #ML-21839

BDH 4/10/01

South Wells Draw #12-2

Spud Date: 10/10/2000
Put on Production: 12/14/2000
GL: 5524' KB: 5534'

Initial Production: 138.4
BOPD, 29.9 MCFD, 31.9
BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (292')
DEPTH LANDED: 307'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5802.42')
DEPTH LANDED: 5808'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: ? per CBL

3710

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5286.97')
TUBING ANCHOR: 5639.35'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5741.34'
SN LANDED AT: 5707.28' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-1-1/2" weight rods, 10 -3/4" scraper rods, 124 - 3/4" slick rods, 89 - 3/4" scraper rods, 1 - 3/4" scraper rod, 1-8' pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL

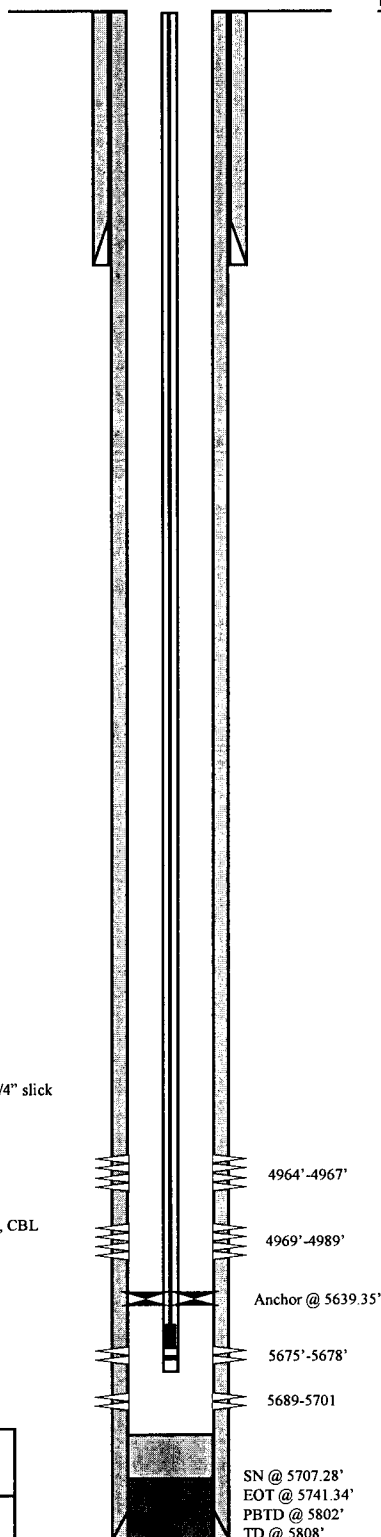
FRAC JOB

12/11/00 5689'-5701'
5675'-5687' **Frac CP-1 sands as follows:**
75,000# 20/40 sand in 294 bbls Viking I-25 fluid. Perfs broke down @ 3010 psi. Treated @ avg press of 1750 psi w/avg rate of 30 BPM. ISIP 2170 psi.

12/11/00 4964'-4967'
4969'-4989' **Frac C sand as follows:**
Set plug at 4800'.
117,540# 20/40 sand in 444 bbls Viking I-25 fluid. Perfs broke down @ 2280 psi. Treated @ avg press of 1800 psi w/avg rate of 29 BPM. ISIP 2150 psi, flow back on 12/64 choke @ 1 BPM, flowed 4 hrs and died.

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 2/11/00 | 5689'-5701' | 4 JSPF | 48 holes |
| 2/11/00 | 5675'-5678' | 4 JSPF | 12 holes |
| 2/11/00 | 4969'-4989' | 4 JSPF | 80 holes |
| 2/11/00 | 4964'-4967' | 4 JSPF | 12 holes |



Inland Resources Inc.

South Wells Draw #12-2-9-16

1860' FSL & 509' FWL

NWSW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32126; Lease #ML-21839

BDH 4/10/01

South Wells Draw #13-2

Spud Date: 10/13/2000
Put on Production: 12/08/2000
GL: 5524' KB: 5534'

Initial Production: 74.5 BOPD,
67.6 MCFD, 13.3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (307')
DEPTH LANDED: 302'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55 & N-80
WEIGHT: 15.5# & 17.0#
LENGTH: 144 jts. (5861.96')
DEPTH LANDED: 5845'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: ? per CBL.

2494

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 163 jts (5286.97')
TUBING ANCHOR: 5296.97'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5398.89'
SN LANDED AT: 5332.32' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-1 1/2" weight bars; 40-3/4" scraped rods; 65-3/4" slick,
40-3/4" scraper rods, 2-6', 1-4' pony rods
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL

FRAC JOB

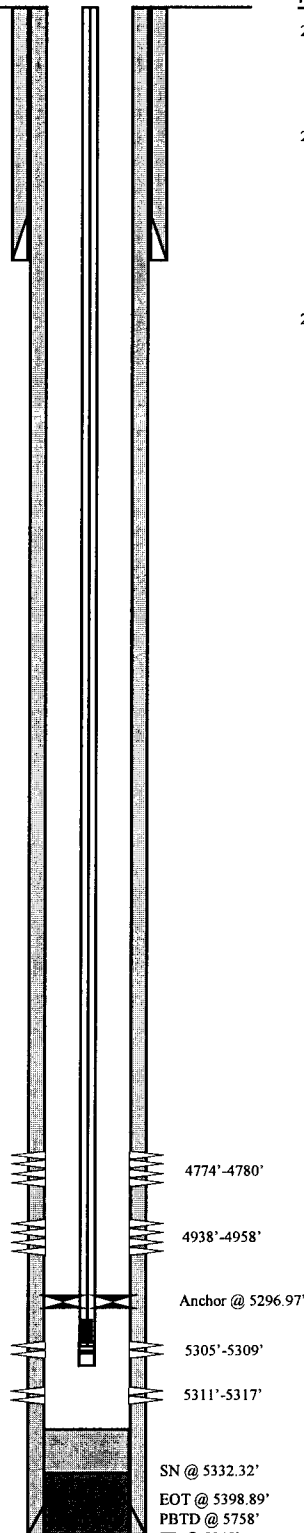
2/5/00 5305'-5317' **Frac A3 sand as follows:**
37,400# 20/40 sand in 350 bbls Viking I-25 fluid. Perfs broke down @ 3224 psi. Treated @ avg press of 2300 psi w/avg rate of 27 BPM. ISIP 2700 psi.

2/5/00 4774'-4780' **Frac D1 sand as follows:**
Set plug at 4800'.
24,960# 20/40 sand in 229 bbls Viking I-25 fluid. Perfs broke down @ 1750 psi. Treated @ avg press of 2200 psi w/avg rate of 26 BPM. ISIP 2250 psi, flow back on 12/64 choke @ 1 BPM, flowed 4.5 hrs and died.

2/5/00 4938'-4958' **Frac C sand as follows:**
Set plug @ 5090'.
Unable to break down perfs. Dump 15 gal 15% HCL across perfs. Frac with 75,000# 20/40 sand in 569 bbls Viking I-25 fluid. Perfs broke down @ 3136 psi. Treated @ avg press of 1900 psi w/avg rate of 30 BPM. ISIP 2420 psi.

PERFORATION RECORD

| | | | |
|--------|-------------|--------|----------|
| 2/5/00 | 4774'-4780' | 4 JSPF | 24 holes |
| 2/5/00 | 4938'-4958' | 4 JSPF | 80 holes |
| 2/5/00 | 5305'-5309' | 4 JSPF | 16 holes |
| 2/5/00 | 5311'-5317' | 4 JSPF | 24 holes |



Inland Resources Inc.

South Wells Draw #13-2-9-16

696' FSL & 644' FWL

SESW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32127; Lease #ML-21839

BDH 4/5/01

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 456' plug from 4704'-5360' with 80 sx Class "G" cement.
2. Plug #2 Set 213' plug from 4169'-4382' with 30 sx Class "G" cement.
3. Plug #3 Set 200' plug from 2200'-2400' with 30 sx Class "G" cement.
4. Plug #4 Set 100' plug from 250'-350' (50' on either side of casing shoe) with 15 sx Class "G" cement.
5. Plug #5 Set 50' plug from surface with 10 sx Class "G" cement.
6. Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 300' to surface.

The approximate cost to plug and abandon this well is \$18,000.

Attachment H-1

South Wells Draw #11-2-9-16

Spud Date: 4/29/2000
Put on Injection: --/--/--
GL: 5516' KB: 5526'

P & A Diagram

SURFACE CASING

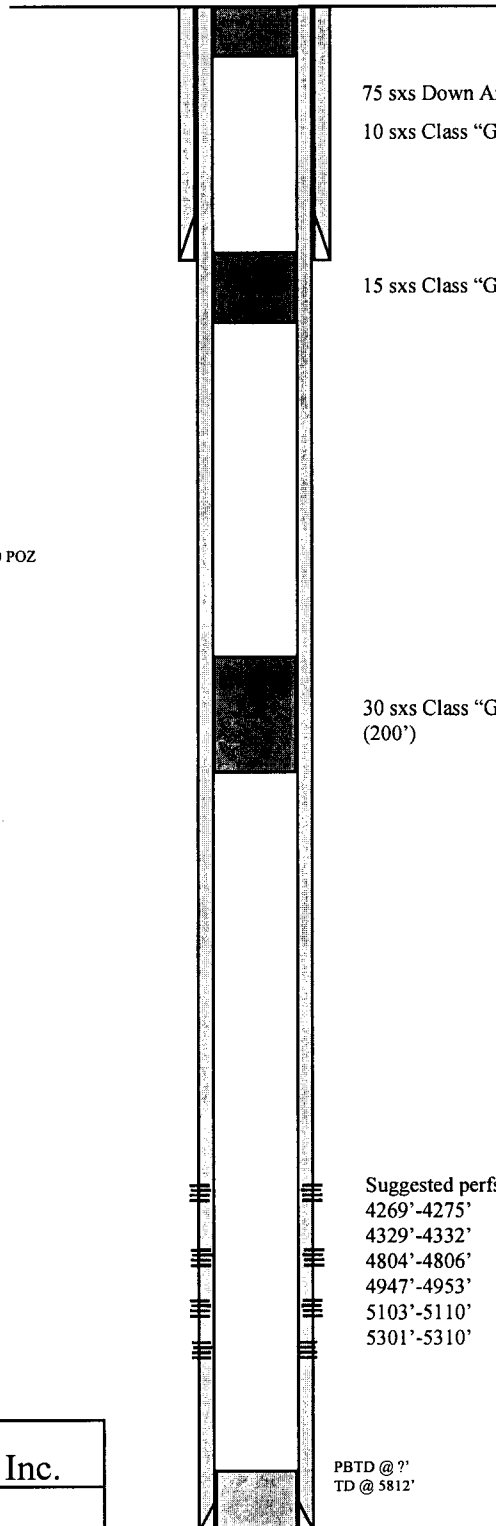
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. 302.52'
DEPTH LANDED: 300.12'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 136 jts. (5810.87')
DEPTH LANDED: 5808.47'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem Lite II & 500 sxs 50/50 POZ
CEMENT TOP AT: ?

TUBING

SUCKER RODS



Inland Resources Inc.

South Wells Draw #11-2-9-16

1967 FWL 1980 FSL

NESW Section 2-T9S-R16E

Duchesne Co, Utah

API #43-013-32125; Lease #ML-21839

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: South Wells Draw State 11-2-9-16

Location: 2/9S/16E

API: 43-013-32125

Ownership Issues: The proposed well is located on State (SITLA) land. The well is located in the South Monument Butte Unit. Lands in the one-half mile radius of the well are administered by SITLA and the BLM. SITLA and the Federal Government are the mineral owners within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the South Monument Butte Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 300 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5808 feet and has a cement top at 110'. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4247 feet. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 500 feet. Injection shall be limited to the interval between 4269 feet and 5310 feet in the Green River Formation. No pressure information was submitted by Inland for this well. ~~A calculated frac gradient or a step rate test will be required prior to approval.~~ The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

South Wells Draw State 11-2-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the South Monument Butte Unit June 8, 2001. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. A calculated frac gradient or a step rate test will be required prior to approval. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date 07/30/2001



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

213-7.4

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

July 30, 2001

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: South Monument Butte Unit Well: South Wells Draw State 11-2-9-16, Section 2,
Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. A calculated frac gradient or a step rate test will be required prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton
SITLA, Salt Lake City

INSPECTION FORM 8

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

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DIVISION OF
OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

| | |
|--|---------------------------------------|
| Well Name: <u>SWD # 11-2-9-16</u> | API Number: <u>43-013-32125</u> |
| Qtr/Qtr: <u>NE/SW</u> Section: <u>2</u> | Township: <u>9S</u> Range: <u>16E</u> |
| Company Name: <u>IRLAND PRODUCTION COMPANY</u> | |
| Lease: State <u>ML-21839</u> Fee _____ | Federal _____ Indian _____ |
| Inspector: <u>James Z. [Signature]</u> | Date: <u>04/29/02</u> |

Initial Conditions:

Tubing - Rate: _____ Pressure: 40 psiCasing/Tubing Annulus - Pressure: 1070 psi

Conditions During Test:

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0 | <u>1070</u> | <u>40</u> |
| 5 | <u>1070</u> | <u>40</u> |
| 10 | <u>1070</u> | <u>40</u> |
| 15 | <u>1070</u> | <u>40</u> |
| 20 | <u>1070</u> | <u>40</u> |
| 25 | <u>1070</u> | <u>40</u> |
| 30 | <u>1070</u> | <u>40</u> |

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 40 psiCasing/Tubing Annulus Pressure: 1070 psi

COMMENTS:

New compressor, tested @ 2:00 PM
Brent Cook
 Operator Representative

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

| | |
|--|---------------------------------------|
| Well Name: <u>SWD # 11-2-9-16</u> | API Number: <u>43-013-32125</u> |
| Qtr/Qtr: <u>NE/SW</u> Section: <u>2</u> | Township: <u>9S</u> Range: <u>16E</u> |
| Company Name: <u>IRLAND PRODUCTION COMPANY</u> | |
| Lease: State <u>ML-21839</u> Fee _____ | Federal _____ Indian _____ |
| Inspector: <u>James Z. Chapman</u> | Date: <u>04/29/02</u> |

Initial Conditions:

Tubing - Rate: _____ Pressure: 40 psiCasing/Tubing Annulus - Pressure: 1070 psi

Conditions During Test:

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0 | <u>1070</u> | <u>40</u> |
| 5 | <u>1070</u> | <u>40</u> |
| 10 | <u>1070</u> | <u>40</u> |
| 15 | <u>1070</u> | <u>40</u> |
| 20 | <u>1070</u> | <u>40</u> |
| 25 | <u>1070</u> | <u>40</u> |
| 30 | <u>1070</u> | <u>40</u> |

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 40 psiCasing/Tubing Annulus Pressure: 1070 psi

COMMENTS: New conversion, tested @ 2:00 PM

Brent Cook

Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|---|--|---|------------------------|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. ML-21839 | |
| OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 7. UNIT AGREEMENT NAME SO MONUMENT BUTTE | |
| 3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721 | | 8. FARM OR LEASE NAME S WELLS DRAW 11-2-9-16 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SW Section 2, T9S R16E 1980 FSL 1967 FWL | | 9. WELL NO. S WELLS DRAW 11-2-9-16 | |
| | | 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SW Section 2, T9S R16E | |
| 14. API NUMBER 43-013-32125 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5515.8 GR | 12. COUNTY OR PARISH DUCHESNE | 13. STATE UT |

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MAY 01 2002

**DIVISION OF
OIL GAS AND MINING**

| | | | |
|--|---|--|--|
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | | |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> | (OTHER) <input checked="" type="checkbox"/> Injection Conversion | |
| (OTHER) <input type="checkbox"/> | <input type="checkbox"/> | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a producing to an injection well on 4/24/02. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4164'. On 4/26/02 Mr. Dennis Ingram was notified of the intent to conduct a MIT on the casing. On 4/29/02 the casing was pressured to 1070 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test.

| | | | |
|--|------------------------|-------|-------------------------|
| 18 I hereby certify that the foregoing is true and correct | | | |
| SIGNED | <u>Krishna Russell</u> | TITLE | <u>Production Clerk</u> |
| | Krishna Russell | DATE | <u>4/30/2002</u> |
| cc: BLM | | | |
| (This space for Federal or State office use) | | | |

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Mechanical Integrity Test
Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

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DIVISION OF
OIL AND MINING

Witness: Dennis Ingram Date 4/29/02 Time 2:00 am pm
Test Conducted by: Brent Cook
Others Present: _____

Well: SWD 11-2-9-16

Field: South Wells Draw

Well Location: 11-2-9-16

API No: 43-013-32125

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1070</u> | psig |
| 5 | <u>1070</u> | psig |
| 10 | <u>1070</u> | psig |
| 15 | <u>1070</u> | psig |
| 20 | <u>1070</u> | psig |
| 25 | <u>1070</u> | psig |
| 30 min | <u>1070</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Tubing pressure: 40 psig

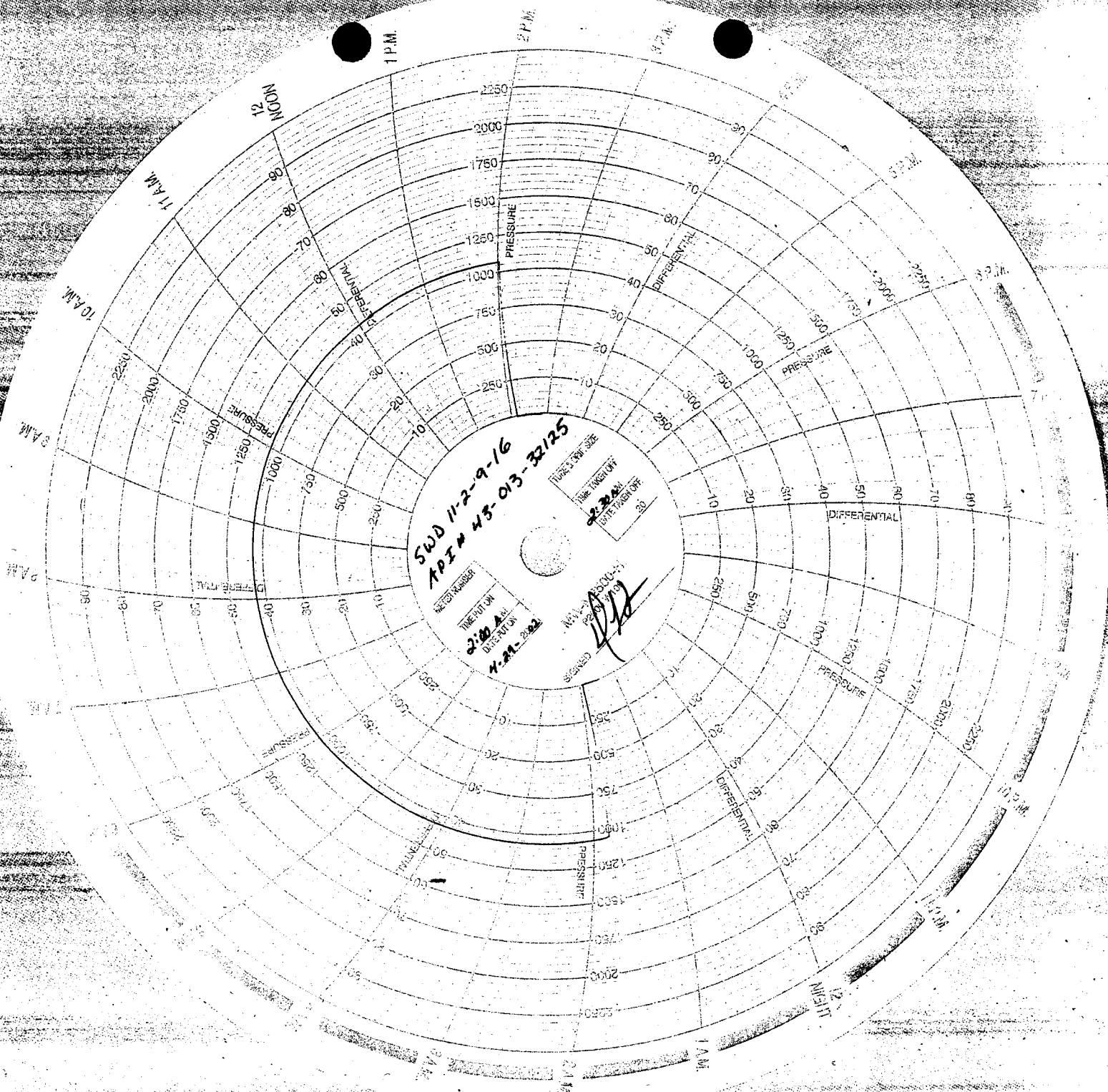
Result: Pass Fail

Signature of Witness:

Dennis Ingram

Signature of Person Conducting Test:

Brent Cook



STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use *APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

OIL ☐ GAS ☐
WELL ☒ WELL ☐ OTHER ☐2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**4. LOCATION OF WELL

Footages **1980 FSL 1967 FWL**

QQ, SEC, T, R, M: **NE/SW Section 2, T9S R16E**

5. LEASE DESIGNATION AND SERIAL NO.

ML-21839

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

SO MONUMENT BUTTE

8. WELL NAME and NUMBER

S WELLS DRAW 11-2-9-16

9 API NUMBER

43-013-32125

10 FIELD AND POOL, OR WILDCAT

MONUMENT BUTTECOUNTY **DUCHESNE**STATE **UTAH**11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT:

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> ABANDON | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> MULTIPLE COMPLETION | <input type="checkbox"/> WATER SHUT OFF |
| <input type="checkbox"/> OTHER _____ | |

SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> ABANDON* | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> OTHER <u>Report of First Injection</u> | |

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

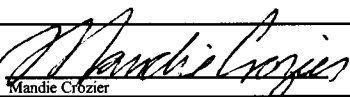
*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

The above referenced well was put on injection at 10:45 a.m. on 5/7/02.

13.

NAME & SIGNATURE:


Mandie Crozier

TITLE

Permit Clerk

DATE

5/7/2002

(This space for State use only)

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DIVISION OF
OIL, GAS AND MINING



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

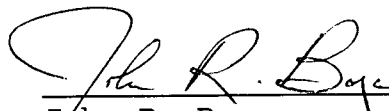
Cause No. 213-7.4

Operator: Inland Production Company
Well: South Wells Draw 11-2-9-16
Location: Section 2, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32125
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 30, 2001.
2. Maximum Allowable Injection Pressure: 1100 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4269 feet - 5310 feet)

Approved by:


John R. Baza
Associate Director

5/2/2002
Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton
SITLA, Salt Lake City



May 13, 2002

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daneils
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

South Wells Draw 11-2-9-16 (43-013-32125)
Duchesne County, UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 893-0102 ext. 1449

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

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MAY 16 2002
DIVISION OF
OIL, GAS AND MINING

CAROL,

I HAVE NEVER FILLED IN A COMPLETION
REPORT FOR AN INJECTION WELL. LET ME
KNOW IF I NEED TO MAKE CHANGES,

Brian Harris
INLAND RESOURCES.

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MAY 10 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | | | | | |
|---|--|---|---|--|--|---|--|
| 1a. TYPE OF WORK OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <u>Injection</u> | | | | | | 7. UNIT AGREEMENT NAME <u>South Wells Draw</u> | |
| 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____ | | | | | | 8. FARM OR LEASE NAME, WELL NO. <u>South Wells Draw 11-2-9-16</u> | |
| 2. NAME OF OPERATOR <u>INLAND RESOURCES INC.</u> | | | | | | 9. WELL NO. <u>43-013-32125</u> | |
| 3. ADDRESS AND TELEPHONE NO. <u>410 17th St. Suite 700 Denver, CO 80202</u> | | | | | | 10. FIELD AND POOL OR WILDCAT <u>Monument Butte</u> | |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface At top prod. Interval reported below <u>1967' FWL & 1980' FSL NESW Sec 2, T9S, R16E</u> At total depth | | | | | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec. 2, Twp 9S, Rng 16E</u> | |
| 14. API NO. <u>43-013-32125</u> | | | | DATE ISSUED <u>1/10/00</u> | | 12. COUNTY OR PARISH <u>Duchesne</u> | 13. STATE <u>UT</u> |
| 15. DATE SPUDDED <u>4/29/2000</u> | 16. DATE T.D. REACHED <u>5/7/2000</u> | 17. DATE COMPL. (Ready to prod.) <u>4/24/02</u> | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>5516' GR 5526' KB</u> | | 19. ELEV. CASINGHEAD | | |
| 20. TOTAL DEPTH, MD & TVD <u>5810'</u> | | 21. PLUG BACK T.D., MD & TVD <u>5799'</u> | | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY <u>-----></u> | ROTARY TOOLS <u>X</u> | CABLE TOOLS |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <u>Lower Green River 4262'-5634'</u> | | | | | | | 25. WAS DIRECTIONAL SURVEY MADE <u>No</u> |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN <u>DIGL/SP/CDL/GR/Cal</u> | | | | | | | 27. WAS WELL CORED <u>No</u> |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | |
| CASING SIZE/GRADE | | WEIGHT, LB./FT. | | DEPTH SET (MD) | | HOLE SIZE | |
| <u>8-5/8"</u> | | <u>24#</u> | | <u>300.12'</u> | | <u>12-1/4"</u> | |
| <u>4-1/2"</u> | | <u>11.6#</u> | | <u>5809.74'</u> | | <u>7-7/8"</u> | |
| | | | | | | <u>350 sx Premilite II and 500 sx 50/50 Poz</u> | |
| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | <u>2-7/8</u> | <u>EOT @</u> | <u>Packer @</u> |
| | | | | | <u>4163'</u> | <u>4163'</u> | <u>4163'</u> |
| 31. PERFORATION RECORD (Interval, size and number) | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | |
| INTERVAL | | SIZE | NUMBER | DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
| (GB4) 4262-4274' | | 0.38" | 4/48 | <u>4262-4274'</u> | | Break w/ 3 bbl acid - 2100 psi @ 2.5 BPM | |
| (GB6) 4328-4334' | | 0.38" | 4/24 | <u>5297'-5311'</u> | | Break w/ 2.6 bbl acid - 2400 psi @ 2.5 BPM | |
| (D1) 4804'-4807' | | 0.38" | 4/12 | <u>4804'-4807'</u> | | Break w/ 2.6 bbl acid - 3000 psi @ 1.5 BPM | |
| (C-sd) 4946'-4955' | | 0.38" | 4/36 | <u>4946'-4955'</u> | | Break w/ 2.6 bbl acid - 1800 psi @ 2.75 BPM | |
| (B2) 5103'-5110' | | 0.38" | 4/28 | <u>5103'-5110'</u> | | Break w/ 2.6 bbl acid - 2300 psi @ 1.5 BPM | |
| (A3) 5306'-5311', 5297'-5303' | | 0.38" | 4/44 | <u>5297'-5311'</u> | | Break w/ 2.6 bbl acid - 2700 psi @ 1.5 BPM | |
| (CP) 5630'-5634' | | 0.38" | 4/16 | <u>5630'-5634'</u> | | Break w/ 2.6 bbl acid - 2700 psi @ .75 BPM | |
| 33. PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION <u>5/06/02</u> | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <u>Inject @ 180 BWPD</u> | | | | | WELL STATUS (Producing or shut-in) <u>Injection</u> |
| DATE OF TEST <u>4/24/02</u> | HOURS TESTED <u>(MIT)</u> | CHOKE SIZE | PROD'N. FOR TEST PERIOD <u>-----></u> | OIL--BBLs. | GAS--MCF. | WATER--BBL. | GAS-OIL RATIO <u>1200 PSI</u> |
| FLOW TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR FLOW | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>MAY 16 2002</u> | | | | | | | TEST WITNESSED BY <u>Dennis Ingram</u> |
| 35. LIST OF ATTACHMENTS <u>DIVISION OF OIL, GAS AND MINING</u> | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | |
| SIGNED <u>Brian Harris</u> | | TITLE <u>Engineering Technician</u> | | | | DATE <u>5/10/2002</u> | |
| Brian Harris | | | | | | BDH | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); | | | | 38. GEOLOGIC MARKERS | | |
|---|-----|--------|-----------------------------|---|--|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | South Wells Draw #11-2-9-16 | Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS) | 3752' 4078' 4340' 4600' 4636' 4759' 5002' 5132' 5606' 5810' | |

RECEIVED
MAY 16 2002

RECEIVED
MAY 16 2002
DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | | | | | |
|--|-----------------|--|-------------------------|---|------------|---|-----------------|
| 1a. TYPE OF WORK OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <u>Injection</u> | | | | | | 7. UNIT AGREEMENT NAME South Wells Draw | |
| 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESEV. <input type="checkbox"/> Other <input type="checkbox"/> | | | | | | 8. FARM OR LEASE NAME, WELL NO. South Wells Draw 11-2-9-16 | |
| 2. NAME OF OPERATOR INLAND RESOURCES INC. | | | | | | 9. WELL NO. 43-013-32125 | |
| 3. ADDRESS AND TELEPHONE NO. 410 17th St. Suite 700 Denver, CO 80202 | | | | | | 10. FIELD AND POOL OR WILDCAT Monument Butte | |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface At top prod. interval reported below 1967' FWL & 1980' FSL NESW Sec 2, T9S, R16E At total depth | | | | | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 2, Twp 9S, Rng 16E | |
| 14. API NO. 43-013-32125 | | DATE ISSUED 1/10/00 | | 12. COUNTY OR PARISH Duchesne | | 13. STATE UT | |
| 15. DATE SPUDDED 4/29/2000 | | 16. DATE T.D. REACHED 5/7/2000 | | 17. DATE COMPL. (Ready to prod.) 4/24/02 | | 18. ELEVATIONS (OF, AKB, RT, OR, ETC.)* 5516' GR 5526' KB | |
| 19. ELEV. CASINGHEAD 5516' | | 20. TOTAL DEPTH, MD & TVD 5810' | | 21. PLUG BACK T.D., MD & TVD 5799' | | 22. IF MULTIPLE COMPL., HOW MANY* | |
| 23. INTERVALS DRILLED BY ———> | | ROTARY TOOLS X | | CABLE TOOLS | | 25. WAS DIRECTIONAL SURVEY MADE No | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Green River 4262'-5634' <i>2mg' Int - GRAV 4269-5310</i> | | | | | | 27. WAS WELL CORED No | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN DIGL/SP/CDL/GR/Cal <i>5-10-02</i> <i>CKL-5-30-02</i> | | | | | | | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | |
| CASING SIZE/GRADE | | WEIGHT, LB./FT. | | DEPTH SET (MD) | | HOLE SIZE | |
| 8-5/8" | | 24# | | 300.12' | | 12-1/4" | |
| 4-1/2" | | 11.6# | | 5809.74' | | 7-7/8" | |
| | | | | | | 350 ex Premite II and 500 ex 50/50 Poz | |
| 29. LINER RECORD | | | | | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 2-7/8 | EOT @ | Packer @ |
| | | | | | 4163' | 4163' | 4163' |
| 30. TUBING RECORD | | | | 31. PERFORATION RECORD (Interval, size and number) | | | |
| INTERVAL | | SIZE | | NUMBER | | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
| (GB4) 4262-4274' | | 0.38" | | 4/48 | | DEPTH INTERVAL (MD) | |
| (GB8) 4328-4334' | | 0.38" | | 4/24 | | AMOUNT AND KIND OF MATERIAL USED | |
| (D1) 4804-4807' | | 0.38" | | 4/12 | | 4262-4274' Break w/ 3 bbl acid - 2100 psi @ 2.5 BPM | |
| (C-9d) 4948-4955' | | 0.38" | | 4/36 | | 5297-5311' Break w/ 2.6 bbl acid - 2400 psi @ 2.6 BPM | |
| (B2) 5103-5110' | | 0.38" | | 4/28 | | 4804-4807' Break w/ 2.6 bbl acid - 3000 psi @ 1.5 BPM | |
| (A3) 5306-5311', 5297-5303' | | 0.38" | | 4/44 | | 4948-4955' Break w/ 2.6 bbl acid - 1800 psi @ 2.75 BPM | |
| (CP) 5630-5634' | | 0.38" | | 4/16 | | 5103-5110' Break w/ 2.6 bbl acid - 2300 psi @ 1.6 BPM | |
| | | | | | | 5297-5311' Break w/ 2.6 bbl acid - 2700 psi @ 1.5 BPM | |
| | | | | | | 5630-5634' Break w/ 2.6 bbl acid - 2700 psi @ 1.75 BPM | |
| 32. PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 5/06/02 | | Inject @ 180 BWPD | | | | Injection | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 4/24/02 | (MIT) | | ————> | | | 1200 PSI | |
| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| | | ————> | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | | | | | | TEST WITNESSED BY Dennis Ingram | |
| 35. LIST OF ATTACHMENTS | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | |
| SIGNED | | TITLE | | | | DATE | |
| Brian Harris | | Engineering Technician | | | | 5/10/2002 | |
| | | | | | | BDH | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); | | | | 38. GEOLOGIC MARKERS | | |
|---|-----|--------|-----------------------------|---|--|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | South Wells Draw #11-2-9-16 | Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS) | 3752' 4078' 4340' 4600' 4636' 4759' 5002' 5132' 5606' 5810' | |



September 24, 2002

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels

South Wells Draw 11-2-9-16 (43-013-32125)
Duchesne County, UT

Dear Ms. Carol Daniels

Enclosed is the revised completion report for the well listed above.
I am sorry for any inconvenience.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver
Tara Eisler/Denver

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SEP 26 2002
DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Injection

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 1967' FWL & 1980' FSL NESW Sec 2, T9S, R16E

At top prod. Interval reported below

**REVISED REPORT: Revisions in gray
Changes made to report dated 5/10/02**

At total depth

14. API NO. 43-013-32125 DATE ISSUED 1/10/00

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUDDED
4/29/2000

16. DATE T.D. REACHED
5/7/2000

17. DATE COMPL. (Ready to prod.)
4/24/02

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5516' GR

5526' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5810'

21. PLUG BACK T.D., MD & TVD

5799'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY
----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4262'-5634'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL/SP/CDL/GR/Cal

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|-----------------|----------------|--|---------------|
| <u>8-5/8"</u> | <u>24#</u> | <u>300.12'</u> | <u>12-1/4"</u> | <u>To surface with 141 sx Class "G" cmt</u> | |
| <u>4-1/2"</u> | <u>11.6#</u> | <u>5809.74'</u> | <u>7-7/8"</u> | <u>350 sx Premlite II and 500 sx 50/50 Poz</u> | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------------|----------------|-----------------|
| | | | | | <u>2-7/8</u> | <u>EOT @</u> | <u>Packer @</u> |
| | | | | | <u>4163'</u> | <u>4163'</u> | <u>4163'</u> |

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL | SIZE | NUMBER |
|-------------------------------|-------|--------|
| (GB4) 4262-4274' | 0.38" | 4/48 |
| (GB6) 4328-4334' | 0.38" | 4/24 |
| (D1) 4804-4807' | 0.38" | 4/12 |
| (C-sd) 4946-4955' | 0.38" | 4/36 |
| (B2) 5103-5110' | 0.38" | 4/28 |
| (A3) 5306'-5311', 5297'-5303' | 0.38" | 4/44 |
| (CP) 5630'-5634' | 0.38" | 4/16 |

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|--|
| <u>4262-4274'</u> | <u>Break w/ 3 bbl acid - 2100 psi @ 2.5 BPM</u> |
| <u>5297'-5311'</u> | <u>Break w/ 2.6 bbl acid - 2400 psi @ 2.5 BPM</u> |
| <u>4804'-4807'</u> | <u>Break w/ 2.6 bbl acid - 3000 psi @ 1.5 BPM</u> |
| <u>4946'-4955'</u> | <u>Break w/ 2.6 bbl acid - 1800 psi @ 2.75 BPM</u> |
| <u>5103'-5110'</u> | <u>Break w/ 2.6 bbl acid - 2300 psi @ 1.5 BPM</u> |
| <u>5297'-5311'</u> | <u>Break w/ 2.6 bbl acid - 2700 psi @ 1.5 BPM</u> |
| <u>5630'-5634'</u> | <u>Break w/ 2.6 bbl acid - 2700 psi @ .75 BPM</u> |

33.* PRODUCTION

| | | | | | | |
|---|---|-------------------------------------|-------------------------------------|-----------|-----------------|--|
| DATE FIRST PRODUCTION <u>5/06/02</u> | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <u>Inject @ 180 BWPD</u> | | | | | WELL STATUS (Producing or shut-in) <u>Injection</u> |
| DATE OF TEST <u>4/24/02</u> | HOURS TESTED <u>(MIT)</u> | CHOKE SIZE | PROD'N. FOR TEST PERIOD <u>→</u> | OIL--BBL. | GAS--MCF. | WATER--BBL. |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE <u>→</u> | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) |
| | | | | | <u>1200 PSI</u> | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

Dennis Ingram

35. LIST OF ATTACHMENTS

SEP 26 2002

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Brian Harris
Brian Harris

TITLE

**DIVISION OF
ENGINEERING
AND MINING**

DATE

9/24/2002

BDH

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL ☐ GAS ☐
WELL ☐ WELL ☐ OTHER ☒ **Injection Well**2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**4. LOCATION OF WELL

Footages **1980 FSL 1967 FWL**

QQ, SEC, T, R, M: **NE/SW Section 2, T9S R16E**

5. LEASE DESIGNATION AND SERIAL NO.

ML-21839

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

SO MONUMENT BUTTE

8. WELL NAME and NUMBER

S WELLS DRAW 11-2-9-16

9. API NUMBER

43-013-32125

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTECOUNTY **DUCHESNE**STATE **UTAH**11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT:

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> ABANDON | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> MULTIPLE COMPLETION | <input type="checkbox"/> WATER SHUT OFF |
| <input type="checkbox"/> OTHER _____ | |

SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> ABANDON* | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> OTHER Step Rate Test | |

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work)

A step rate test was conducted on the subject well on 4/1/03. Results from the test indicate that the fracture gradient is .761 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1390 psi. (from 1100)

13.

NAME & SIGNATURE: Michael GuinnTITLE Vice President of OperationsDATE 4/2/2003

(This space for State use only)

4/94

* See Instructions On Reverse Side

COPY SENT TO OPERATOR
Date: 5-8-03
Initials: CHD

Approved by the
Utah Division of
Oil, Gas and Mining

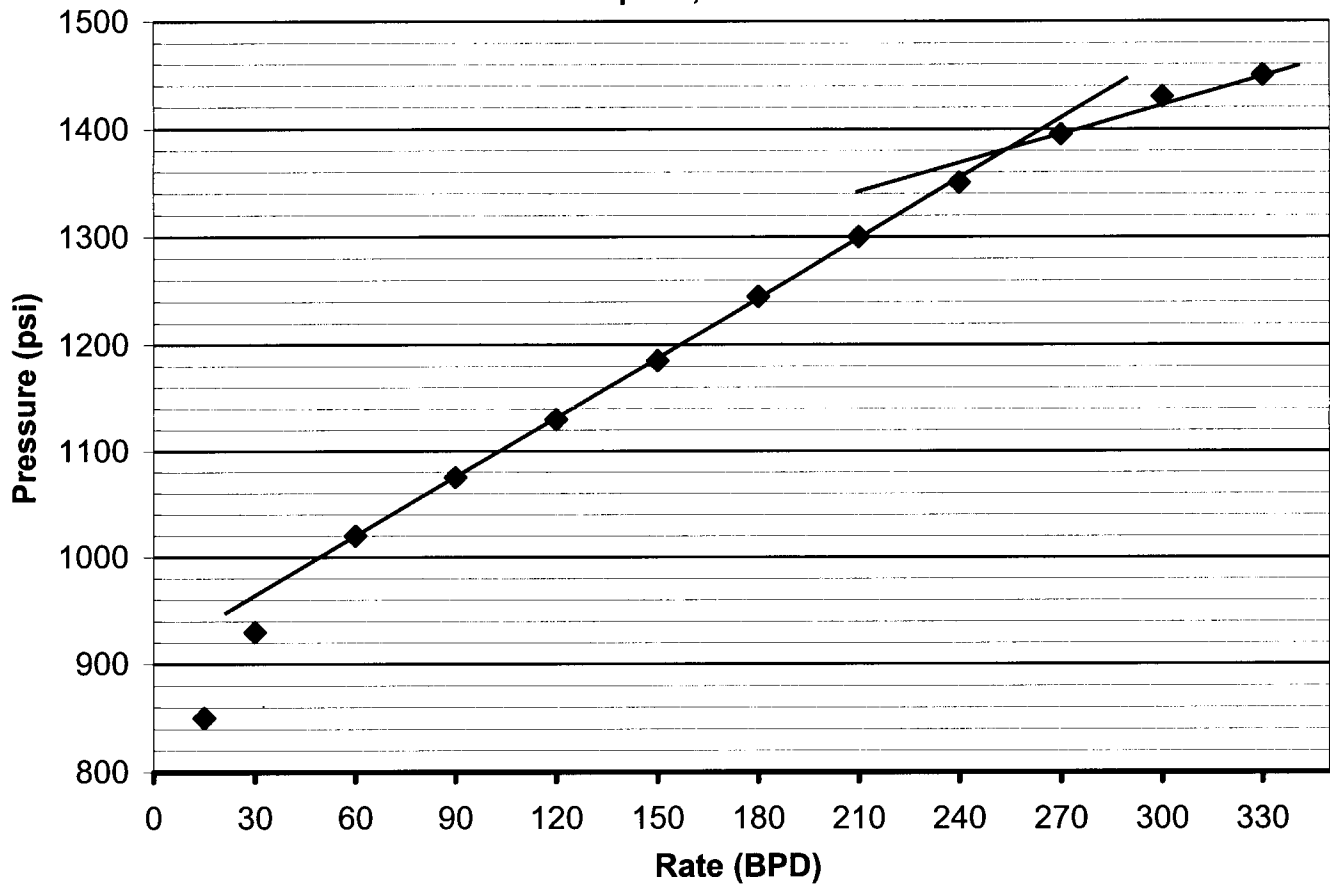
Date: 05-07-03By: [Signature]

RECEIVED

APR 04 2003

DIV. OF OIL, GAS & MINING

South Wells Draw 11-2-9-16
South Monument Butte Unit
Step Rate Test
April 1, 2003



Start Pressure: 540 psi
Instantaneous Shut In Pressure (ISIP): 1415 psi
Top Perforation: 4262 feet
Fracture pressure (Pfp): 1390 psi
FG: 0.761 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 15 | 850 |
| 2 | 30 | 930 |
| 3 | 60 | 1020 |
| 4 | 90 | 1075 |
| 5 | 120 | 1130 |
| 6 | 150 | 1185 |
| 7 | 180 | 1245 |
| 8 | 210 | 1300 |
| 9 | 240 | 1350 |
| 10 | 270 | 1395 |
| 11 | 300 | 1430 |
| 12 | 330 | 1450 |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

| | | |
|---|--------------|---|
| Well Name and Number See Attached List | | API Number |
| Location of Well | | Field or Unit Name See Attached List |
| Footage : | County : | Lease Designation and Number |
| QC, Section, Township, Range: | State : UTAH | |

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*Title: *Perf. Services Manager*Approval Date: *9-20-04*Comments: *Note: Indian Country wells will require EPA approval.*

(9/2003)

RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|--|
| 1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well | | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML21839 |
| 2. NAME OF OPERATOR: Newfield Production Company | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: S MON BUTTE UNIT |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FSL 1967 FWL | | 8. WELL NAME and NUMBER: S WELLS DRAW 11-2-9-16 |
| OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 2, T9S, R16E | | 9. API NUMBER: 4301332125 |
| | | 10. FIELD AND POOL, OR WILDCAT: Monument Butte |
| | | COUNTY: Duchesne |
| | | STATE: Utah |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | |
|--|---|--|
| | SubDate | TYPE OF ACTION |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/22/2005 | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on April 22, 2005. Results from the test indicate that the fracture gradient is .833 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1695 psi.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-03-2005
By: [Signature]

RECEIVED
MAY 03 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mike Guinn TITLE Engineer
SIGNATURE [Signature] DATE 04/28/2005

| | | | | | |
|---------|--------|--------|--------|-------|--------|
| UTSL- | 15855 | 61052 | 73088 | 76561 | |
| 071572A | 16535 | 62848 | 73089 | 76787 | |
| 065914 | 16539 | 63073B | 73520A | 76808 | |
| | 16544 | 63073D | 74108 | 76813 | |
| | 17036 | 63073E | 74805 | 76954 | 63073X |
| | 17424 | 63073O | 74806 | 76956 | 63098A |
| | 18048 | 64917 | 74807 | 77233 | 68528A |
| UTU- | 18399 | 64379 | 74808 | 77234 | 72086A |
| | 19267 | 64380 | 74389 | 77235 | 72613A |
| 02458 | 26026A | 64381 | 74390 | 77337 | 73520X |
| 03563 | 30096 | 64805 | 74391 | 77338 | 74477X |
| 03563A | 30103 | 64806 | 74392 | 77339 | 75023X |
| 04493 | 31260 | 64917 | 74393 | 77357 | 76189X |
| 05843 | 33992 | 65207 | 74398 | 77359 | 76331X |
| 07978 | 34173 | 65210 | 74399 | 77365 | 76788X |
| 09803 | 34346 | 65635 | 74400 | 77369 | 77098X |
| 017439B | 36442 | 65967 | 74404 | 77370 | 77107X |
| 017985 | 36846 | 65969 | 74405 | 77546 | 77236X |
| 017991 | 38411 | 65970 | 74406 | 77553 | 77376X |
| 017992 | 38428 | 66184 | 74411 | 77554 | 78560X |
| 018073 | 38429 | 66185 | 74805 | 78022 | 79485X |
| 019222 | 38431 | 66191 | 74806 | 79013 | 79641X |
| 020252 | 39713 | 67168 | 74826 | 79014 | 80207X |
| 020252A | 39714 | 67170 | 74827 | 79015 | 81307X |
| 020254 | 40026 | 67208 | 74835 | 79016 | |
| 020255 | 40652 | 67549 | 74868 | 79017 | |
| 020309D | 40894 | 67586 | 74869 | 79831 | |
| 022684A | 41377 | 67845 | 74870 | 79832 | |
| 027345 | 44210 | 68105 | 74872 | 79833 | |
| 034217A | 44426 | 68548 | 74970 | 79831 | |
| 035521 | 44430 | 68618 | 75036 | 79834 | |
| 035521A | 45431 | 69060 | 75037 | 80450 | |
| 038797 | 47171 | 69061 | 75038 | 80915 | |
| 058149 | 49092 | 69744 | 75039 | 81000 | |
| 063597A | 49430 | 70821 | 75075 | | |
| 075174 | 49950 | 72103 | 75078 | | |
| 096547 | 50376 | 72104 | 75089 | | |
| 096550 | 50385 | 72105 | 75090 | | |
| | 50376 | 72106 | 75234 | | |
| | 50750 | 72107 | 75238 | | |
| 10760 | 51081 | 72108 | 76239 | | |
| 11385 | 52013 | 73086 | 76240 | | |
| 13905 | 52018 | 73087 | 76241 | | |
| 15392 | 58546 | 73807 | 76560 | | |

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****S MONUMENT BUTTE (GR)****WELL(S)**

| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-----------------------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| FEDERAL 1-1 | 01 | 090S | 160E | 4301330571 | 13195 | Federal | WI | A |
| MONUMENT BUTTE FED 6-1 | 01 | 090S | 160E | 4301331506 | 13195 | Federal | OW | P |
| MON BUTTE FED 5-1 | 01 | 090S | 160E | 4301331507 | 13195 | Federal | OW | P |
| MONUMENT BUTTE FED 4-1 | 01 | 090S | 160E | 4301331545 | 13195 | Federal | OW | P |
| MONUMENT BUTTE ST 8-2 | 02 | 090S | 160E | 4301331509 | 13195 | State | OW | P |
| MONUMENT BUTTE ST 16-2 | 02 | 090S | 160E | 4301331510 | 13195 | State | OW | P |
| MON BUTTE ST 9-2 | 02 | 090S | 160E | 4301331555 | 13195 | State | WI | A |
| MONUMENT BUTTE ST 10-2 | 02 | 090S | 160E | 4301331565 | 13195 | State | OW | P |
| MONUMENT BUTTE ST 15-2-9-16 | 02 | 090S | 160E | 4301331932 | 13195 | State | WI | A |
| S WELLS DRAW 5-2-9-16 | 02 | 090S | 160E | 4301332124 | 13195 | State | WI | A |
| S WELLS DRAW 11-2-9-16 | 02 | 090S | 160E | 4301332125 | 13195 | State | WI | A |
| S WELLS DRAW 12-2-9-16 | 02 | 090S | 160E | 4301332126 | 13195 | State | OW | P |
| S WELLS DRAW 13-2-9-16 | 02 | 090S | 160E | 4301332127 | 13195 | State | WI | A |
| S WELLS DRAW 14-2-9-16 | 02 | 090S | 160E | 4301332128 | 13195 | State | OW | P |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

6b. Inspections of LA PA state/fee well sites complete on:

waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:

n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on:

na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on:

2/28/2005

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on:

2/28/2005

3. Bond information entered in RBDMS on:

2/28/2005

4. Fee/State wells attached to bond in RBDMS on:

2/28/2005

5. Injection Projects to new operator in RBDMS on:

2/28/2005

6. Receipt of Acceptance of Drilling Procedures for APD/New on:

waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number:

61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number

61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on:

n/a*

The Division sent response by letter on:

n/a

LEASE INTEREST OWNER NOTIFICATION:

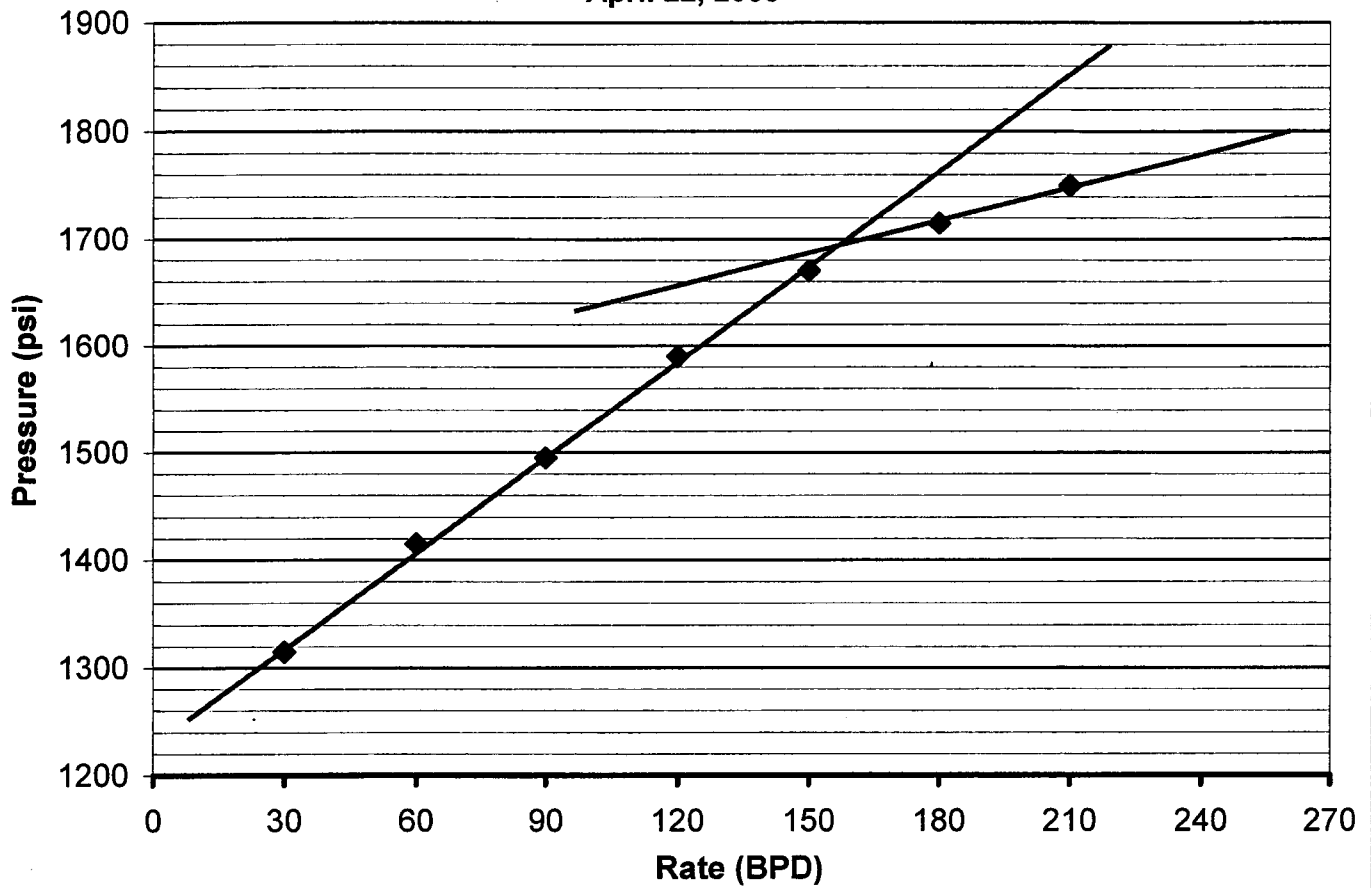
3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

n/a

COMMENTS:

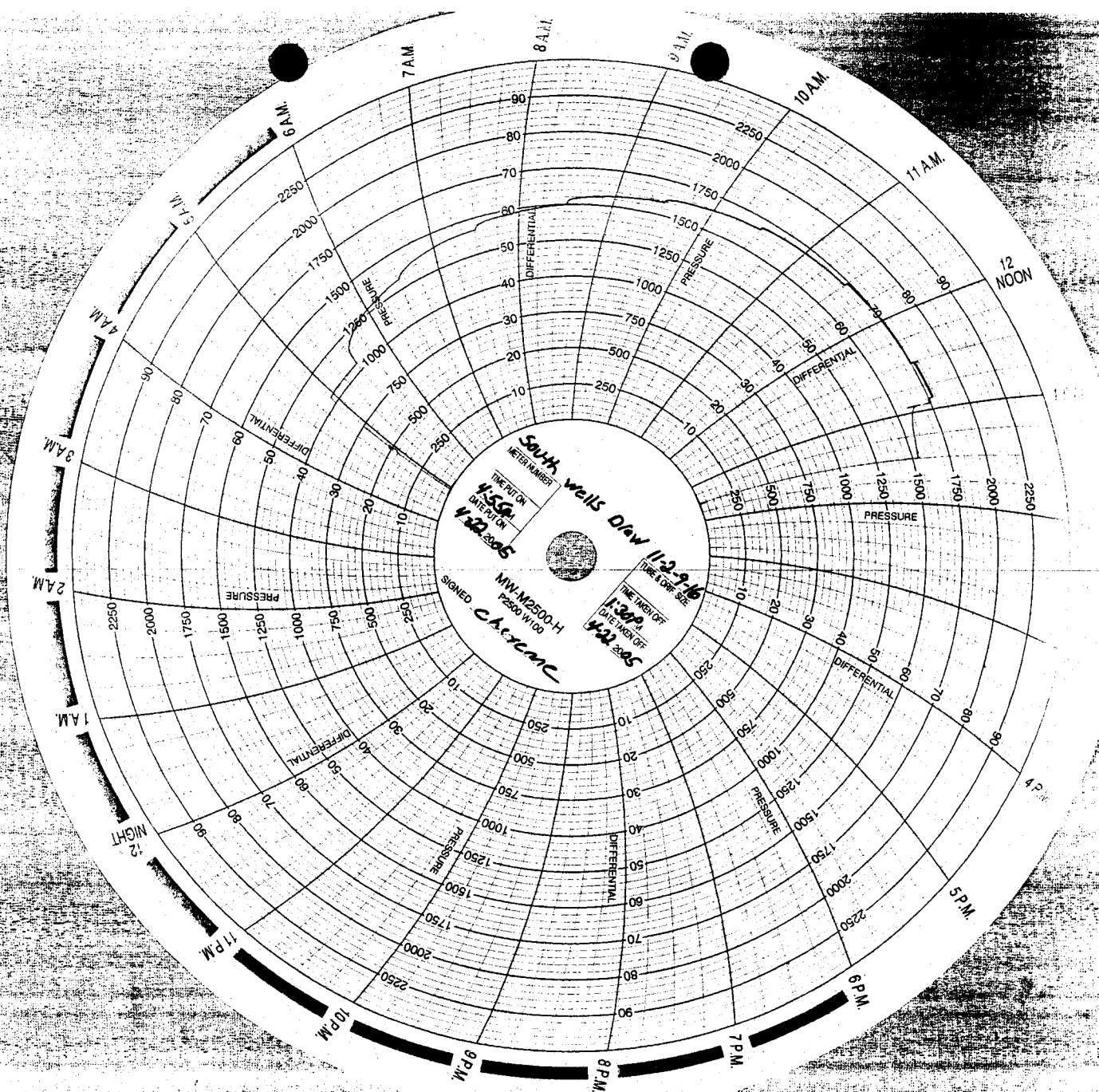
*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

South Wells Draw 11-2-9-16
South Monument Butte Unit
Step Rate Test
April 22, 2005



Start Pressure: 1055 psi
Instantaneous Shut In Pressure (ISIP): 1640 psi
Top Perforation: 4262 feet
Fracture pressure (P_{fp}): 1695 psi
FG: 0.833 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 30 | 1315 |
| 2 | 60 | 1415 |
| 3 | 90 | 1495 |
| 4 | 120 | 1590 |
| 5 | 150 | 1670 |
| 6 | 180 | 1715 |
| 7 | 210 | 1750 |



INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

4 1/2" CASING SET AT 5809.74

LAST CASING 8 5/8" SET AT @ 300'
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5812' LOGGER TD @ 5820
 HOLE SIZE 7 7/8"

OPERATOR INLAND PRODUCTION COMPANY
 WELL SWD 11-2-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # UNION RIG 14

| LOG OF CASING STRING: | | | | | | | |
|--|--------|---|---------------------|----------------|---|-------|----------------|
| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
| | | LANDING JT | | | | | 12.4 |
| 136 | 4 1/2" | Maverick LT & C casing | 11.6# | J-55 | 8rd | A | 5798.94 |
| | | | | | | | |
| | | | | | | | |
| | | SHOE - Float/Guide | | | | | 0.8 |
| CASING INVENTORY BAL. | | | FEET | JTS | TOTAL LENGTH OF STRING | | 5812.14 |
| TOTAL LENGTH OF STRING | | | 5812.14 | 136 | LESS CUT OFF PIECE | | 12.4 |
| LESS NON CSG. ITEMS | | | 13.2 | 2 | PLUS DATUM TO T/CUT OFF CSG | | 10 |
| PLUS FULL JTS. LEFT OUT | | | 198.05 | 5 | CASING SET DEPTH | | 5809.74 |
| TOTAL | | | 5996.99 | 141 | } COMPARE | | |
| TOTAL CSG. DEL. (W/O THRDS) | | | 5996.99 | 141 | | | |
| TIMING | | | 1ST STAGE | 2ND STAGE | | | |
| BEGIN RUN CSG. | | | 8:30 AM | | GOOD CIRC THRU JOB <u>YES</u> | | |
| CSG. IN HOLE | | | 11:15 AM | | Bbls CMT CIRC TO SURFACE <u>5 bbls cmt</u> | | |
| BEGIN CIRC | | | 11:20 AM | | RECIPROCATED PIPE FOR <u>5 mins.</u> THRU <u>8'</u> FT STROKE | | |
| BEGIN PUMP CMT | | | 1:09 PM | 1:40 PM | DID BACK PRES. VALVE HOLD ? <u>YES</u> | | |
| BEGIN DSPL. CMT | | | | 1:56 PM | BUMPED PLUG TO <u>1360</u> PSI | | |
| PLUG DOWN | | | | 2:09 PM | | | |
| CEMENT USED | | CEMENT COMPANY- <u>BJ</u> | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 350 | Premlite 2 W/ .5% S.M., 10% gel, 3#/sk CSE, 2#/sk kolseal, 3% KCL, 1/4#/sk C.F mixed @ 11.0 ppg | | | | | |
| | | W/ 3.43 cf/sk yield. | | | | | |
| 2 | 500 | 50/50 poz W/ 3% KCL, 1/4#/sk C.F., 2% gel, .3% S.M. mixed @ 14.4 ppg W/ 1.24 cf/sk yield. | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | | SHOW MAKE & SPACING | | | | |
| 1 on middle of first JT, 1on collar of the second & third JT. Then every third collar for a total of 20. | | | | | | | |

COMPANY REPRESENTATIVE Gary Dietz DATE 05/06/2000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|---|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21839 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: S MON BUTTE UNIT |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FSL 1967 FWL | | 8. WELL NAME and NUMBER: S WELLS DRW 11-2-9-16 |
| 5. PHONE NUMBER: 435.646.3721 | | 9. API NUMBER: 4301332125 |
| 6. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESW, 2, T9S, R16E | | COUNTY: DUCHESNE |
| STATE: UT | | |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|--|---|--|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/21/2006 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: - |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation on 9/21/06. The packer was moved and set at 4190'.

On 9/28/06 Dennis Ingram with the State of Utah was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/9/06. On 10/9/06 the csg was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API# 43-013-32125

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 10-17-06
By: [Signature]

COPIES SENT TO OPERATOR
DATE: 10-18-06
BY: PM

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE [Signature] DATE 10/13/2006

(This space for State use only)

RECEIVED
OCT 16 2006
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 10/2/06 Time 2:00 am ☒ pm

Test Conducted by: JD Horrocks

Others Present: JD

Well: South Wells Draw 11-2-9-K

Field: Monument Butte/South M.B. unit

Well Location: NE/SW 2 T9S R16E

API No: 43-013-32125

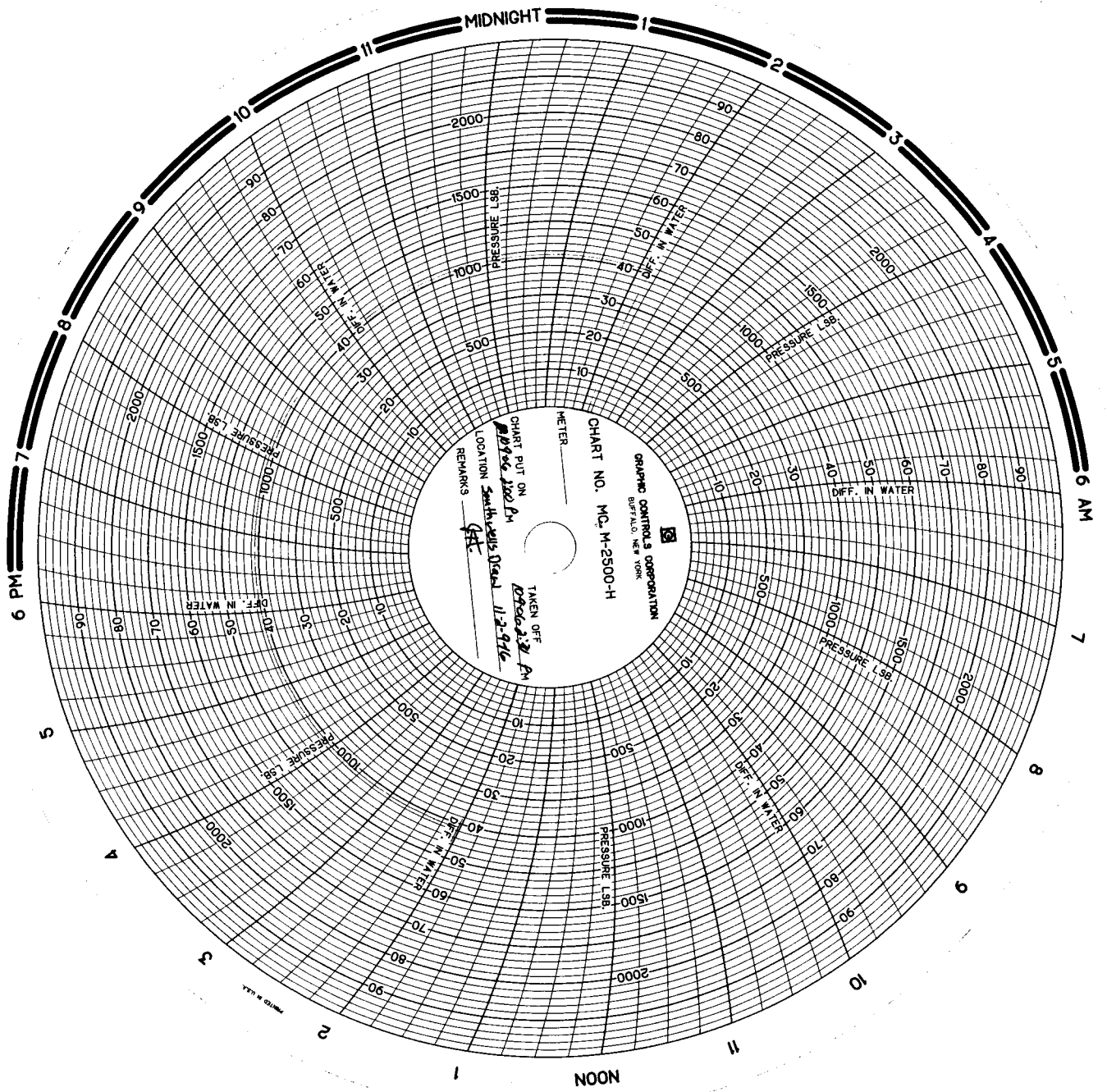
| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1025</u> | psig |
| 5 | <u>1025</u> | psig |
| 10 | <u>1025</u> | psig |
| 15 | <u>1025</u> | psig |
| 20 | <u>1025</u> | psig |
| 25 | <u>1025</u> | psig |
| 30 min | <u>1025</u> | psig |
| 35 | | psig |
| 40 | | psig |
| 45 | | psig |
| 50 | | psig |
| 55 | | psig |
| 60 min | | psig |

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: JD Horrocks



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED

SUNDRY NOTICES AND REPORTS ON WELLS

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| | | COUNTY: DUCHESNE |
| | | STATE: UT |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|--|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
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| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/21/2006 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: - |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation on 9/21/06. The packer was moved and set at 4190'. Two new intervals were added, the B2 sds 5082'-5088' 4 JSPF, 24 shots and the CP1 sds 5661'-5678' 4 JSPF, 68 shots.

On 9/28/06 Dennis Ingram with the State of Utah was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/9/06. On 10/9/06 the csg was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API# 43-013-32125

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 11-24-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 12/5/06
Initials: [Signature]

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk
SIGNATURE [Signature] DATE 11/21/2006

(This space for State use only)

RECEIVED
NOV 22 2006

DIV. OF OIL, GAS & MINING

South Wells Draw #11-2-9-16

Spud Date: 4/29/2000

Put on Injection: 5/06/02

GL: 5516' KB: 5526'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. 302.52'

DEPTH LANDED: 300.12'

HOLE SIZE: 12-1/4"

CEMENT DATA: 141 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 4-1/2"

GRADE: J-55

WEIGHT: 11.6#

LENGTH: 136 jts. (5810.87')

DEPTH LANDED: 5808.47'

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Prem Lite II & 500 sxs 50/50 POZ

CEMENT TOP AT: ?

TUBING

SIZE/GRADE/WT.: 2 3/8" / J-55 / 4.7#

NO. OF JOINTS: 134 jts (4176.45')

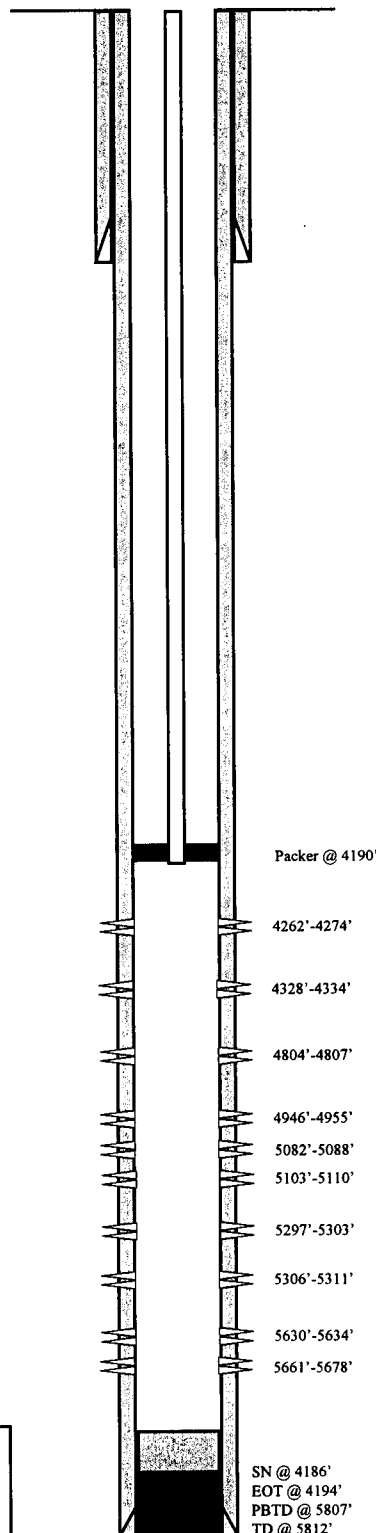
SEATING NIPPLE: 2 3/8" (1.08')

SN LANDED AT: 4186.45' KB

PACKER: CR @ 4190.60' KB

TOTAL STRING LENGTH: 4194.23' KB

Injection Wellbore Diagram



ACID JOB

Break CP w/ 2700 psi @ .75 BPM. Spot 2.6 bbl. acid.
 Break A-sd w/ 2700 psi @ 1.5 BPM. Spot 2.6 bbl. acid.
 Break B2 w/ 2300 psi @ 1.5 BPM. Spot 2.6 bbl. acid.
 Break C-sd w/ 1800 psi @ 2.75 BPM. Spot 2.6 bbl. acid.
 Break D1 w/ 3000 psi @ 1.5 BPM. Spot 2.6 bbl. acid.
 Break GB6 w/ 2400 psi @ 2.5 BPM. Spot 2.6 bbl. acid.
 Break GB4 w/ 2100 psi @ 2.5 BPM. Spot 3.0 bbl. acid.

5/06/02 Put on injection

9/21/06 Well Re-completed (New Perfs)

9/15/06 **Frac B2 sds as follows:**
 13,268#'s of 20/40 sand in 161 bbls of
 Lightning 17 frac fluid. Treated @ ave
 pressure of 5961 w/ave rate of 11.6 bpm
 w/6.5 ppg of sand.

9/14/06 **Frac CP1 sds as follows:** 40,184#'s of
 20/40 sand in 327 Lightning 17 frac fluid.
 Treated @ ave pressure of 4999 w/ave rate of
 11.7 bpm w/6.5 ppg of sand. ISIP was 2200.

PERFORATIONS

| Date | Depth Range | SPF | Holes |
|---------|-------------|-------|----------|
| 4/19/02 | 5630'-5634' | 4 SPF | 16 holes |
| 4/19/02 | 5306'-5311' | 4 SPF | 20 holes |
| 4/19/02 | 5297'-5303' | 4 SPF | 24 holes |
| 4/19/02 | 5103'-5110' | 4 SPF | 28 holes |
| 4/19/02 | 4946'-4955' | 4 SPF | 36 holes |
| 4/19/02 | 4804'-4807' | 4 SPF | 12 holes |
| 4/19/02 | 4328'-4334' | 4 SPF | 24 holes |
| 4/19/02 | 4262'-4274' | 4 SPF | 48 holes |
| 9/14/06 | 5661'-5678' | 4 SPF | 68 holes |
| 9/15/06 | 5082'-5088' | 4 SPF | 24 holes |

NEWFIELD



South Wells Draw #11-2-9-16
 1967 FWL & 1980 FSL
 NESW Section 2-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32125; Lease #ML-21839

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21839 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 8. WELL NAME and NUMBER: S WELLS DRAW 11-2-9-16 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1967 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 09.0S Range: 16.0E Meridian: S | | 9. API NUMBER: 43013321250000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

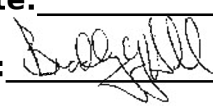
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|--|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/22/2011 | | | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 09/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/22/2011 the casing was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1650 psig during the test. There was not a State representative available to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 09/27/2011

By: 

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 9/27/2011 | |

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 9/22/11 Time 10:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: JARED Timothy Tom VAN AUSDAL

| | |
|---|--|
| Well: <u>SO. WELLS DRAW</u> <u>11-2-9-16</u> | Field: <u>SO. WELLS DRAW 11-2-9-16</u> <u>Duchesne County, UTAH</u> |
| Well Location: <u>SO. WELLS DRAW 11-2-9-16</u> | API No: <u>UTU 87538X</u> |
| <u>NE/SW SEC. 2, T9S, R16E</u> | <u>API 43-013-32125</u> |

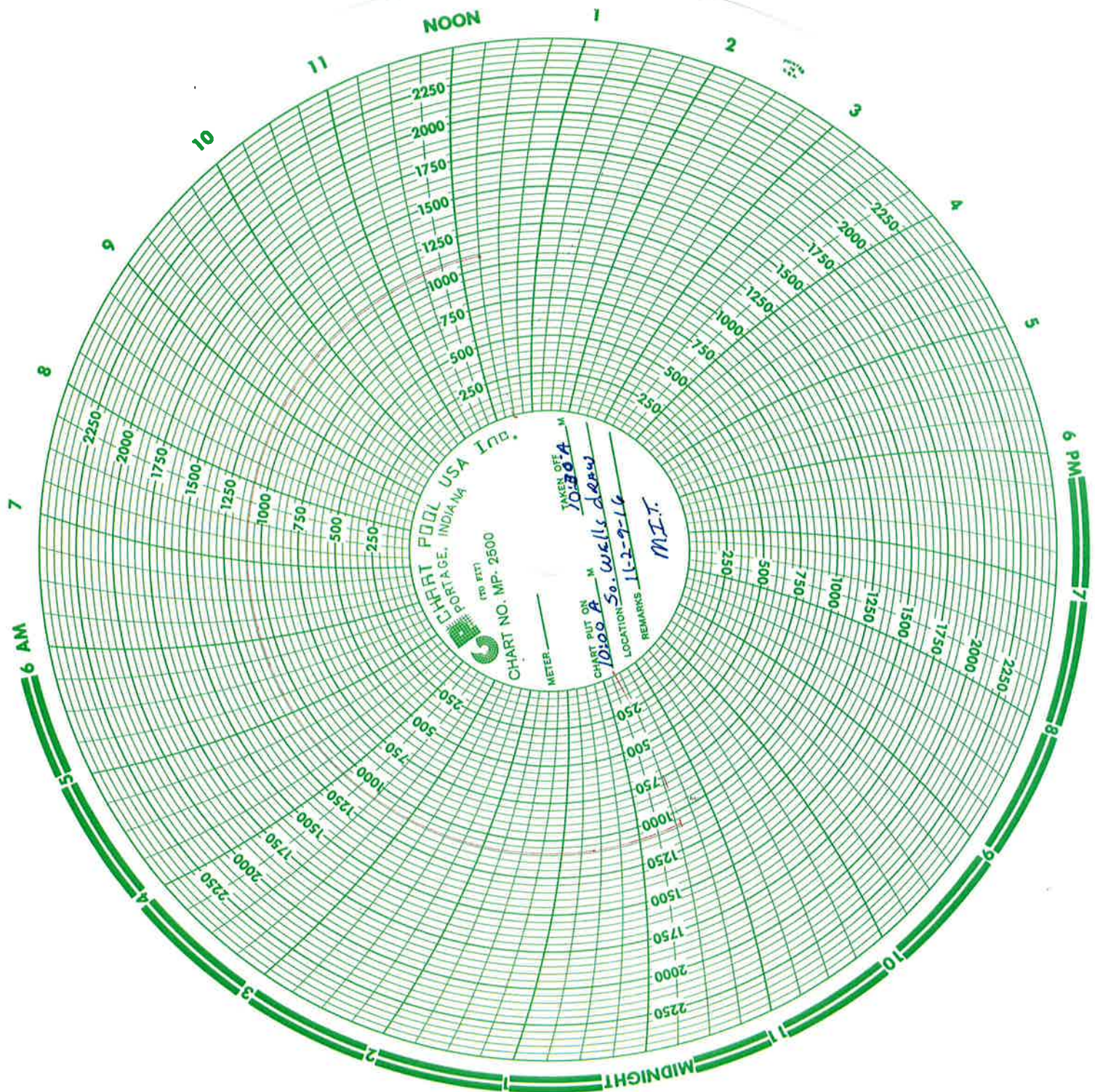
| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1090</u> | psig |
| 5 | <u>1090</u> | psig |
| 10 | <u>1090</u> | psig |
| 15 | <u>1090</u> | psig |
| 20 | <u>1090</u> | psig |
| 25 | <u>1090</u> | psig |
| 30 min | <u>1090</u> | psig |
| 35 | | psig |
| 40 | | psig |
| 45 | | psig |
| 50 | | psig |
| 55 | | psig |
| 60 min | | psig |

Tubing pressure: 1650 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: David Cloward



| | | |
|---|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21839 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 8. WELL NAME and NUMBER: S WELLS DRAW 11-2-9-16 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1967 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 09.0S Range: 16.0E Meridian: S | | 9. API NUMBER: 43013321250000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/11/2016 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input checked="" type="checkbox"/> OTHER | |
| | OTHER: <input type="text" value="5 YR MIT"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 08/08/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/11/2016 the casing was pressured up to 1075 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1652 psig during the test. There was a State representative available to witness the test - Amy Doebele. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 31, 2016 | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 8/15/2016 | |

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Amy Deebale Date 8/11/16 Time 9:22 @ am pm

Test Conducted by: Kim Giles

Others Present: Jeremy Price

5 yr.

Well: So. Wells Draw 11-2-9-16

Field: Monument Butte

Well Location: NE/4 sec. 2, T9S, R16E
Duchesne County, Utah

API No: 43-013-32125

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1075</u> | psig |
| 5 | <u>1075</u> | psig |
| 10 | <u>1075</u> | psig |
| 15 | <u>1075</u> | psig |
| 20 | | psig |
| 25 | | psig |
| 30 min | | psig |
| 35 | | psig |
| 40 | | psig |
| 45 | | psig |
| 50 | | psig |
| 55 | | psig |
| 60 min | | psig |

Tubing pressure: 1652 psig

Result: Pass Fail

Signature of Witness:

Amy Deebale

Signature of Person Conducting Test:

Kim Giles

